www.vivitekcorp.com

View of the Digital World

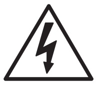
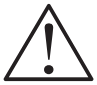
42″ Micro Display Projection TV

USER GUIDE

View of the Digital World

Vivitek

Explanations of required symbols:

SYMBOL	SYMBOL DEFINITION
 SA 1965	**DANAGEROUS VOLTAGE:** The lightning flash with arrowhead symbol, within on equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.
 SA 1966	**INSTRUCTIONS:** The exclamation point with on equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

FCC Compliance Statement

This equipment has been tested and complies with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and may cause harmful interference to radio communications if not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the TV and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the Vivitek Service Center or an experienced radio/TV technician for assistance.

FCC Warning

To assure continued FCC compliance, the user must use a grounded power supply cord and the provided shielded video interface cable with bonded ferrite cores. If a BNC cable used, use only a shielded BNC (5) cable. Also, any unauthorized changes or modifications not expressly approved by will void the user’s authority to operate this device.

Accessories Check

Please make sure you have these standard accessories with your device.

- Remote Control x 1pcs

- Two AA Batteries x 2pcs

- This User’s Guide x 1pcs

- Warranty Card x 1pcs

- Component Video Cable x 1pcs

Product Safety Instructions

Follow and obey all warnings and instructions marked on the TV. For your safety, please read all the safety and operating instructions before you operate the TV. Keep this user's manual for future reference.

Overloading

Do not overload wall outlets, extension cords, or power strips. This can result in fire or electronic shock.

Power Cord Protection

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Periodically inspect the cords and each end of the cords for damage. The TV shall be installed a near the wall socket outlet and the plug on power cord shall be readily accessible.

Ventilation

Slots and openings on the cabinet are provided for ventilation purposes. To ensure reliable operation of the TV and to protect it from overheating, these openings must not be blocked or covered.

- Do not block the openings by placing the TV on a bed, sofa, rug or other similar surface.
- Do not place the TV in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.

Other Notices

- Avoid exposing the TV to direct sunlight or high temperatures.
- Avoid exposing the TV to moisture or high humidity
- Do not attempt repairs yourself. Your warranty does not cover repairs or attempted repairs by anyone not authorized by Vivitek.
- If your TV will not be used for a long period of time, unplug the TV and remove the batteries from the remote control.

Precautions

- Avoid touching the screen by hand or any object.
- Never remove the rear cover. Your TV contains high-voltage parts. You may be seriously injured if you touch them.
- Avoid exposing your TV to direct sunlight or another heat source. Orient your TV away from direct sunlight to reduce glare.
- Always handle your TV with care when moving it.
- Place your TV in a well-ventilated area; don't place the TV in airtight compartments. Do not place anything on your TV that prevents heat dissipation.
- Ensure that the area around the TV is clean and free of moisture.
- Do not place heavy objects on the TV, audio/video cables, or power cord.
- If the TV emits smoke, abnormal noise, or a strange odor, immediately turn it off and contact the Vivitek Service Center.

- WARNING – To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose The TV To Rain Or Moisture! The TV shall not be exposed to dripping or splashing and objects filled with liquids, such as vases, shall not be placed on the TV.

- WARNING – Don't use hand or other thing to touch the TV screen.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use the this apparatus near water.
6) Clean only with a dry cloth.
7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus] (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding- type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11) Only use attachments/accessories specified by the manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid from tip-over.

13) Unplug this apparatus during lightning storms or when unused for periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, it does not operate normally, or has been dropped.

Antenna Installation Safety

Outdoor Antenna Grounding

If an outside antenna or cable system is connected to the TV, be sure the antenna or cable system is grounded to prevent voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANS/NFPA 70, provides information on proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Lightning

For added protection for the TV during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the TV due to lightning and power-line surges. Do not disconnect the antenna or the power cord during a heavy storm – lightning may strike while you are holding the cable cord, causing serious injury. Turn off your TV and wait for the weather to improve.

Power Lines

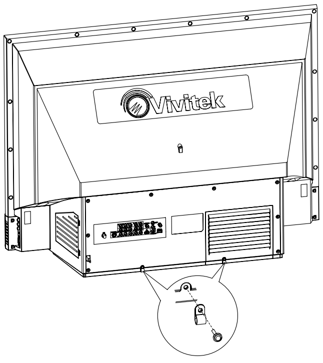
An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits.

Preventing the TV from Falling Down

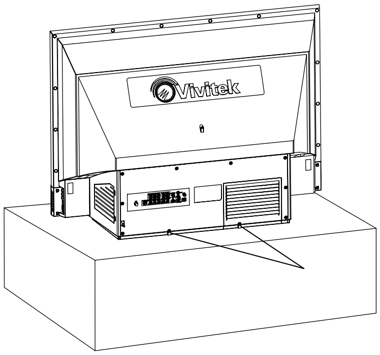
Attach the supplied wire saddle to the rear of the TV, and pass a sturdy cord or chain and attach it to a wall or pillar or TV stand. Consult your dealer when attaching the wire saddle, since the screws for the wire saddle also hold the base rear cover in a place.

Fixed TV on a wall or a pillar

1. Remove one of the screws attached at the rear of the TV.
   Note: Do not remove both screws at the same time as these screws secure the base rear cover.
   Never use the TV with the screws removed.

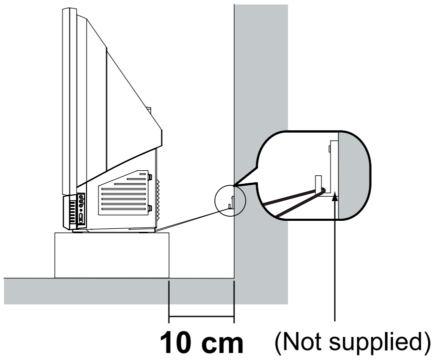


2-1. Attach a sturdy cord or chain securely to each wire saddle on the rear of the TV.

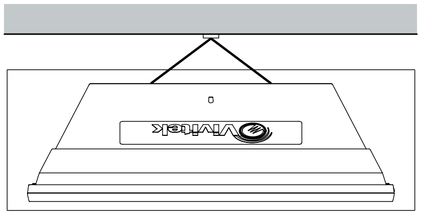


2-2. Attach the cord or chain to a wall or pillar.
To keep 10 cm distance between the wall and the machine.

Side view

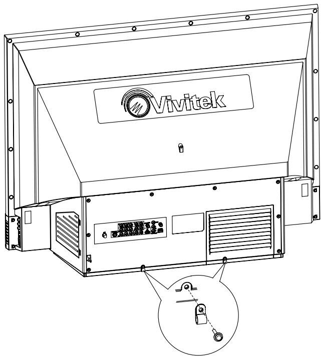


Top view

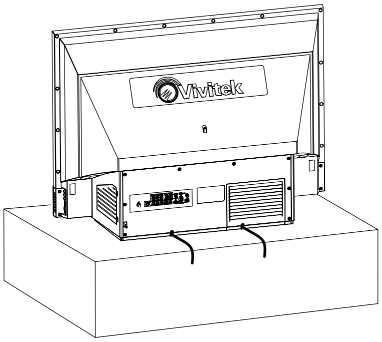


Fixed TV on a TV stand

1. Remove one of the screws attached at the rear of the TV.
   Note: Do not remove both screws at the same time as these screws secure the base rear cover.
   Never use the TV with the screws removed.



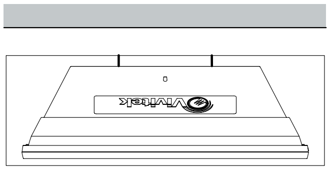
2-1. Attach the cord or chain to a TV stand.

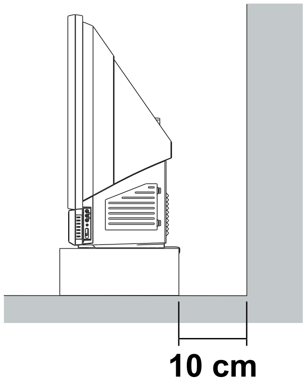


2-2. To keep 10 cm distance between the wall and the machine.

Side view

Top view





Maintenance

Clear methods

For the reason of safety, please make sure to unplug the power cord before start to do the cleaning.

Cleaning for the case

- To mop the outside of the case with soft and clean cloth. Follow the instruction if use any cloth containing certain chemical materials.
- Do not use alcohol or other material inflammable, which will result in the decay of the case or paint fading.
- Do not use robber or other clue-related material to interface with the case. It possibly will leave scar on the case.

Cleaning for the monitor

- Please clean up the dust on the surface of the monitor with soft cloth or other similar material and then clean the monitor with dry and soft cloth again.
- It's prone to get scratch on the surface of the monitor so do not rub or knock the surface with hard material. Also, do not use any diluted detergent to scrape or clean the monitor.

Replacement method of projection lamp

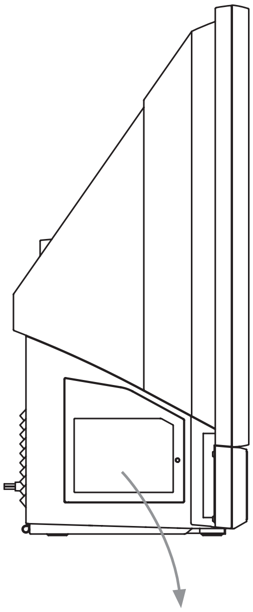
Projection lamps are supplies and have life span. Please contact the resellers when the image turns dark or color gets deteriorated. When this happens, please replace it with a new projection lamp. If the projection lamp could not light up and have noise, the possible reasons are:

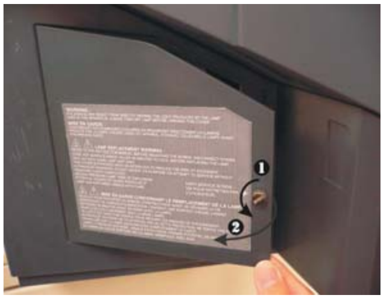
1.The life span for the projection lamp are ended or
2.Shutting down the TV right after the turn-on of power. At the moment, the temperature of projection lamp is too high and does not cool down to certain degree. Turn it on after a few minutes and it will work properly. or
3.The projection lamp does not connect correctly with the lamp cradle.

Replacement Procedure

Beware of the high temperature when replace the projection lamp.

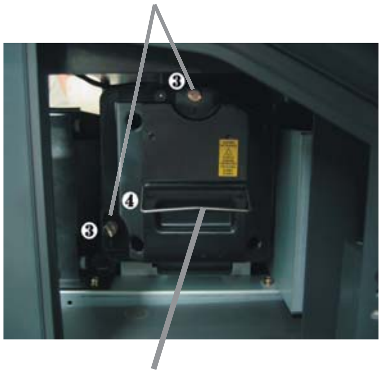
Warning:
Eye damage may result from Directly viewing the light produced by the lamp used in this apparatus. Always turn off lamp before opening this cover.





1.Loose the screw on lamp cover.
2.Remove the lamp cover from TV.

3.Then loose the screw on lamp.



4.Pull out the lamp directly

5.Then put the new lamp into TV. (Follow the reverse the way you took it out.)

Caution: After taking the projection lamp out, do not place any metal substance into the lamp cradle. Do not touch the lamp cradle or it's easy to get burned or cause fire.
Caution: Do not touch the glass surface of the new projection lamp because it possibly will affect the quality of resolution and decrease the life span of the projection lamp.
Caution: Make sure to screw the screws firmly in order to prevent the shaking of the lamp, which will result in poor connection.
Caution: Put the discarded used projection lamp in the packaging box of the new projection lamp and handle it with case and compliant to local regulation. Please do not have kids to access the discarded lamps to prevent any danger.

Index

1.Important Statement 1

Explanations of required symbols 1
FCC Compliance statement 1
FCC Warning 1
Accessories Check 1
Product Safety Instructions 2
Antenna Installation Safety 3
Preventing the TV from Falling Down 4
Maintenance 5
Replacement method of projection lamp 6

2.Before Use 9

Correct viewing 9
Remote Control 9
Handling 10
Moisture Condensation 10

3.Safety Instructions - Warning and Caution 11

4.Connection with Antenna Cable 15

5.System Connection 16

Right Connectors 16
Rear Connectors 17

6.Introduction the Control Panel and Remote Control 19

7.Power ON / OFF 22

8.How to use OSD 23

Before use OSD, You must know 23

OSD explanation 24
IMAGE SETTING 24
DISPLAY SETTING 26
AVDIO SETTING 28
TV/DTV SETTING 29
PARENTAL CONTROL 30
GENERAL SETTING 31
OSD MESSAGE 33
DTV-INFORMATION 34

9.Programming the universal remote control 35
To program the remote to control other devices: 35
Cable set-top box codes 35
Searing for device program codes 36
Troubleshooting 43

10.Display Modes 44
Video Input Format 44
Default PC Input Mode 44
Miscellaneous 44

11.Specifications 45

12.Troubleshooting 46

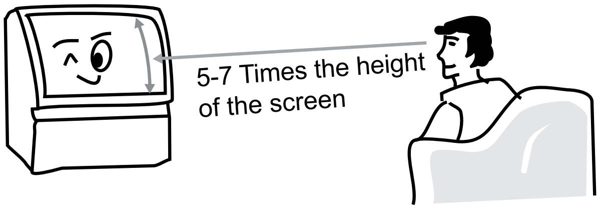
13.LED Status 47

14.Service Information and Announcement 48
Service Information 48
Announcement 48

Correct viewing

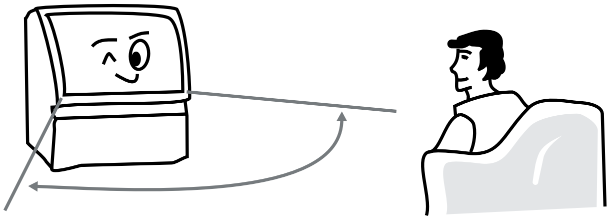
Distance

The most appropriate viewing distance varies between 5~7 times the height of the screen.



Viewing Angle and Height

Suitable viewing angle and height will avoid fatigue.



Volume

As a courtesy to others, be sure to keep the volume down (especially in the evening).

Brightness of your viewing location

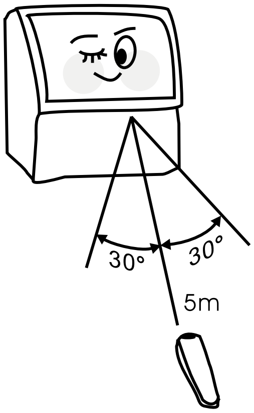
Direct sunshine onto the screen,
too bright or dark a room lighting, dark surrounding or reflected light may
cause fatigue to your eyes.Be sure to keep out direct sunshine from the screen while maintaining soft lighting in the room. Reading light is recommended.

Prolonged Viewing

This device uses DLPTM technology that will not flash or emit radiation. However, we would suggest you to take rest after viewing it for some time.

Remote Control

The effective range of the IR sensor of the remote control is given as follows. Be sure to keep the IR sensor clear and avoid placing the sensor in bright light which might cause detriment to the receiving sensitivity.

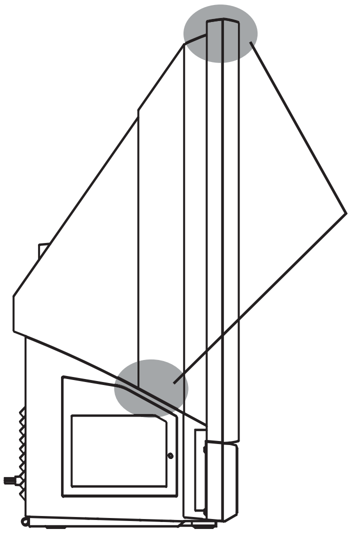


Remarks on the battery of the remote controller
The service life of the battery is about 1 year (depending on your use). When the operation range of the remote controller shortens or its sensitivity lowers, be sure to replace both batteries inside the remote control.

Note: Make sure to avoid replacing a new battery with an old one. This may cause eventually damage the remote control.

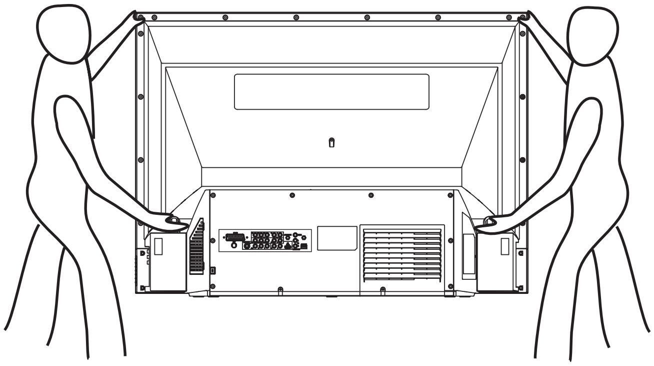
When you will not use the remote control for a long period of time, be sure to remove the batteries that could possibly leak. In the event of leakage, be sure to wipe off the liquid on the inside of the compartment before loading new batteries.

Handling



When move this unit. Please put your hands here

Find the indicated hand positions before lighting the device. To ensure balance and avoid accidental damage, be sure to have at least two people carry the product.



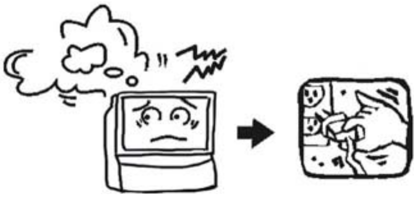
Be careful not to bump or scratch the product on other objects when you are handing it.

Moisture Condensation

When this device is suddenly moved to a warm site from a cold one, or in case of abrupt change of the environmental temperature, moisture condensation may cause a foggy screen or incorrect display output. It s because moisture congeal inside. Please wait until the moisture is evaporated, then screen will restore normal display.

Smoking emitting from device

In the case of smoke emitting from the product, be sure to turn off the power switch and remove the power plug immediately. Using the product while it is smoking may cause a fire or electric shock. Contact the dealer immediately.



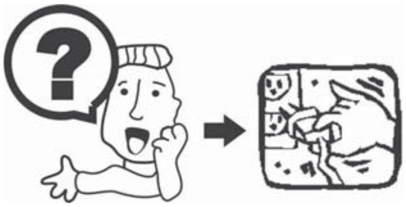
Keep power plug dust free

Keep dust free of the power cord. Dust can cause the insulation to be damaged and cause a fire.

Cleaning Plug

No image or sound

In this case, be sure to turn off the power switch and remove the power plug. In case of sudden loss of image or sound, stop using the device and contact the dealer immediately.

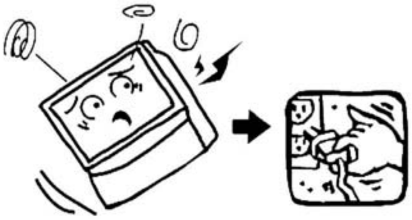


Do not service, modify or disassemble this device

This device contains high voltage and fragile objects inside that may cause electric shock, fire or damage of the parts. Read the warranty booklet and contact the dealer for more information.

Dropped or broken case

In this case, be sure to turn off the power switch and remove the power plug. Please contact the dealer for service. Do not use the device as it may cause fire or electric shock.



Keep foreign objects off the device

Objects on the device can cause fire or electric shock When there is foreign object inside the device, turn off the power supply and remove the power plug before contacting the dealer. Be sure not to allow children insert foreign objects inside the device.

Use only 110V or 220V AC outlets

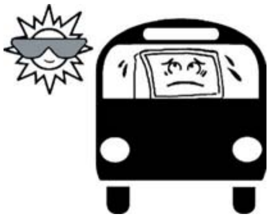
Use only 110V or 220V AC power outlets, otherwise fire or electric shock may result.

Do not place flower vases, glasses, cosmetics, chemical solutions, liquids or small metal objects on this device

Liquid or small objects inside the device may cause fire or electric shock. In this case, turn off the power supply and remove the power plug before contacting the dealer.

Keep this device from high temperature or direct sunshine

High temperature may cause overheating and fire.



Keep the device from contacting rubber or plastic products for long period of time

This may cause the case to be deformed or the paint to strip off.

Do not touch the device and power cord while wet.

Do not touch the electrical cord or remove the power plug with wet hands which may cause electric shock.

Do not touch the antenna or the power cord during thunder or lightning

In case of thunder or lightning, we would suggest you remove the power plug from the outlet and do not touch the antenna lead, as it may cause electric shock.

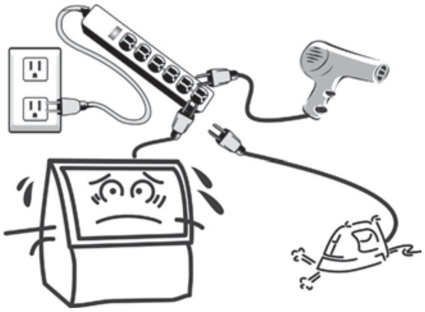
Keep this device away from kitchen smoke, steam, heater, dusty places and heat source

*These conditions may cause fire or electric shock to occur.

*Both the case and the power cord may deform or melt with heat, causing fire

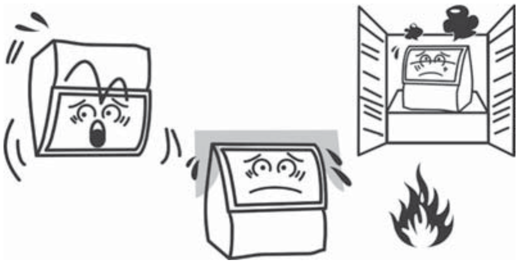
We strongly suggest you avoid plugging this into an outlet where other electrical appliances are being used

Plugging this device into a power strip or extension cord where other high-voltage appliances are already being used, may cause fire and overload the electrical circuit. Make sure if you use an extension cord or power strip that they are correctly rated for the proper voltage and current of this device.



Keep the ventilation grill free

*Do not let the screen face up, to the side or up side down.
*Do not keep this device in a closet or bookshelf with poor ventilation.
*Do not place this device on a rug or flammable objects.
*Do not cover this device with curtains or tablecloths.
Doing any above may cause a fire.



Do not stand or sit on this device

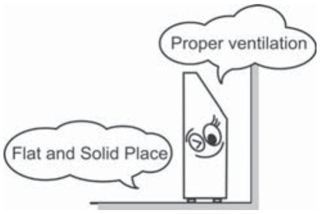
Be sure to keep children from climbing on top of the television set, since it may fall over, break or result in damage.

Be sure to remove the power plug before cleaning or servicing

Otherwise electric shock may result. To clean the screen, use a piece of soft cloth that does not scratch the surface.

Install this device in a flat and solid place

Be sure to allow for proper ventilation around the device.

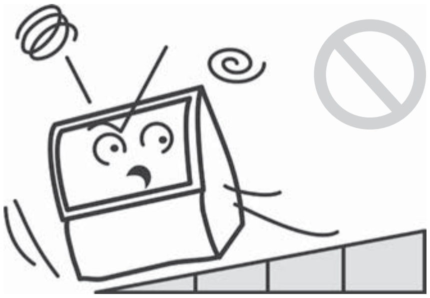


Keep heavy objects off this device

The device may turn over and fall causing damage to the unit.

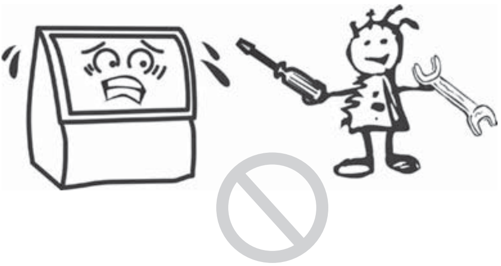
Keep the device from incline and vibration surfaces

Or it may fall or turn over to cause damage or injuries.



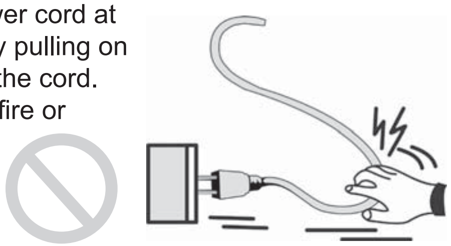
Do not remove back cover, case front panel or any other cover

The high-voltage components inside the unit may cause electrical shock if mishandled. For all adjustments and servicing to interior circuitry please contact the dealer.



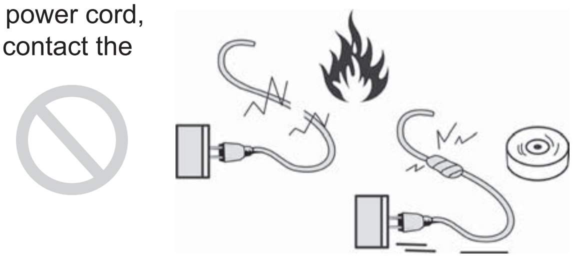
Be sure to remove the plug by holding the power cord plug

Remove the power cord at the receptacle by pulling on the plug, not on the cord. Or it may cause fire or electric shock.



Do not cut, twist, perforate, modify or bend the connector or force the power cord or place heavy objects on it

Doing so may cause fire or electric shock. In case of broken power cord, please contact the dealer.

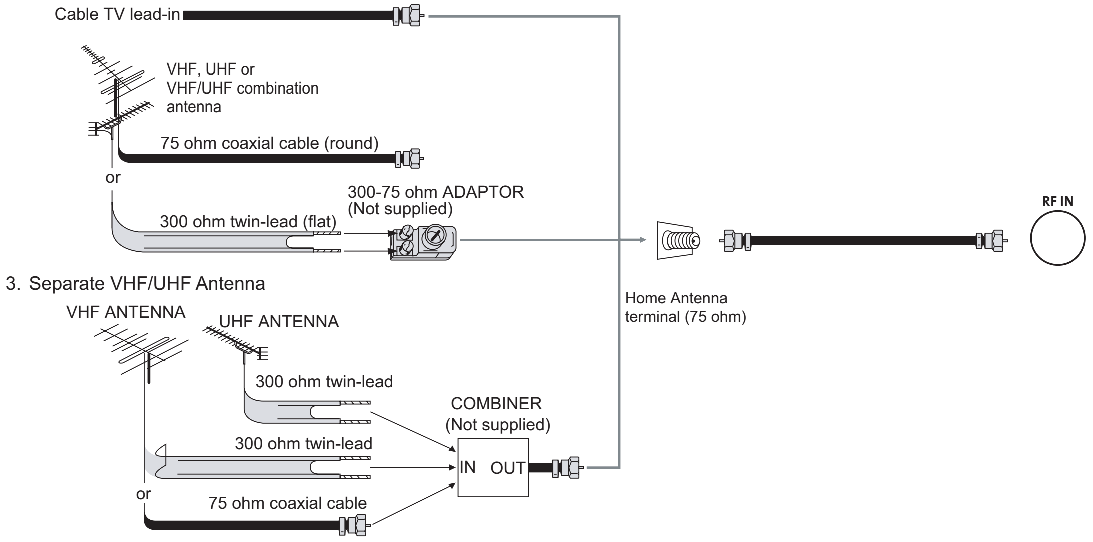


When you will not use this device for a long period of time, be sure to remove the power plug

When you are away for long periods of time be sure to unplug the device to avoid any fire due to electrical storms or power surges.

Connection with Antenna Cable

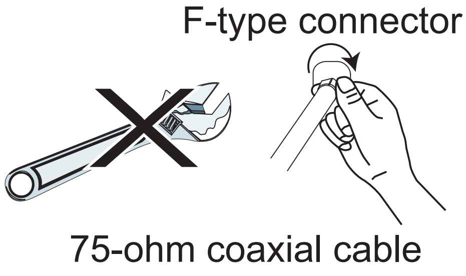
1. Cable without a CATV Converter
2. VHF/UHF Combination Antenna


Cable TV lead-in
VHF, UHF or
VHF/UHF combination
antenna
75 ohm coaxial cable (round)
or
300-75 ohm ADAPTOR
(Not supplied)
300 ohm twin-lead (flat)
RF IN
Home Antenna
terminal (75 ohm)
3. Separate VHF/UHF Antenna
VHF ANTENNA
UHF ANTENNA
300 ohm twin-lead
COMBINER
(Not supplied)
300 ohm twin-lead
IN
OUT
or
75 ohm coaxial cable

Notice

F-type connector should be finger-tightened only.

When connecting the RF cable to the TV set, do not tighten F-type connector with tools.
If tools are used, it may cause damage to your TV set.
(The breaking of internal circuit, etc.)

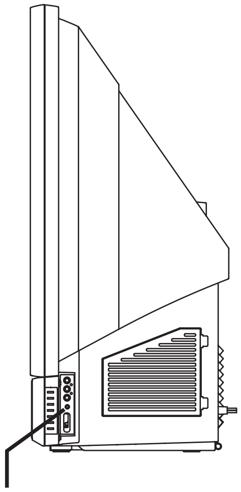

F-type connector
75-ohm coaxial cable

CABLE TV (CATV/DTV) CONNECTION

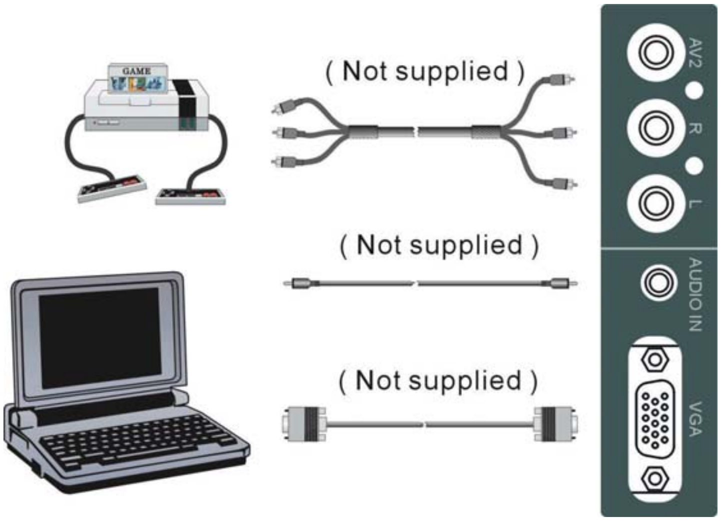
- A 75 ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75 ohm coaxial cable to the set, screw the 75 ohm cable to the COAXIAL CABLE CONNECTOR.
- Some cable TV companies offer “premium pay channels”. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company. This converter/descrambler is necessary for normal viewing of the scrambled channels. (Set your TV on channel 3 or 4. Typically one of these channels is used. If channel is unknown, consult your cable TV company.) For more specific instructions on installing cable TV, consult your cable TV company. One possible method of utilizing the converter/descrambler provided by your cable TV company is explained below.

Please unplug the power cord of the machine and other devices attached before start to connect the device on the side of the machine.

Right Connectors

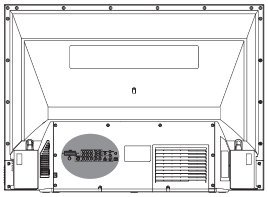


Find the right connector here

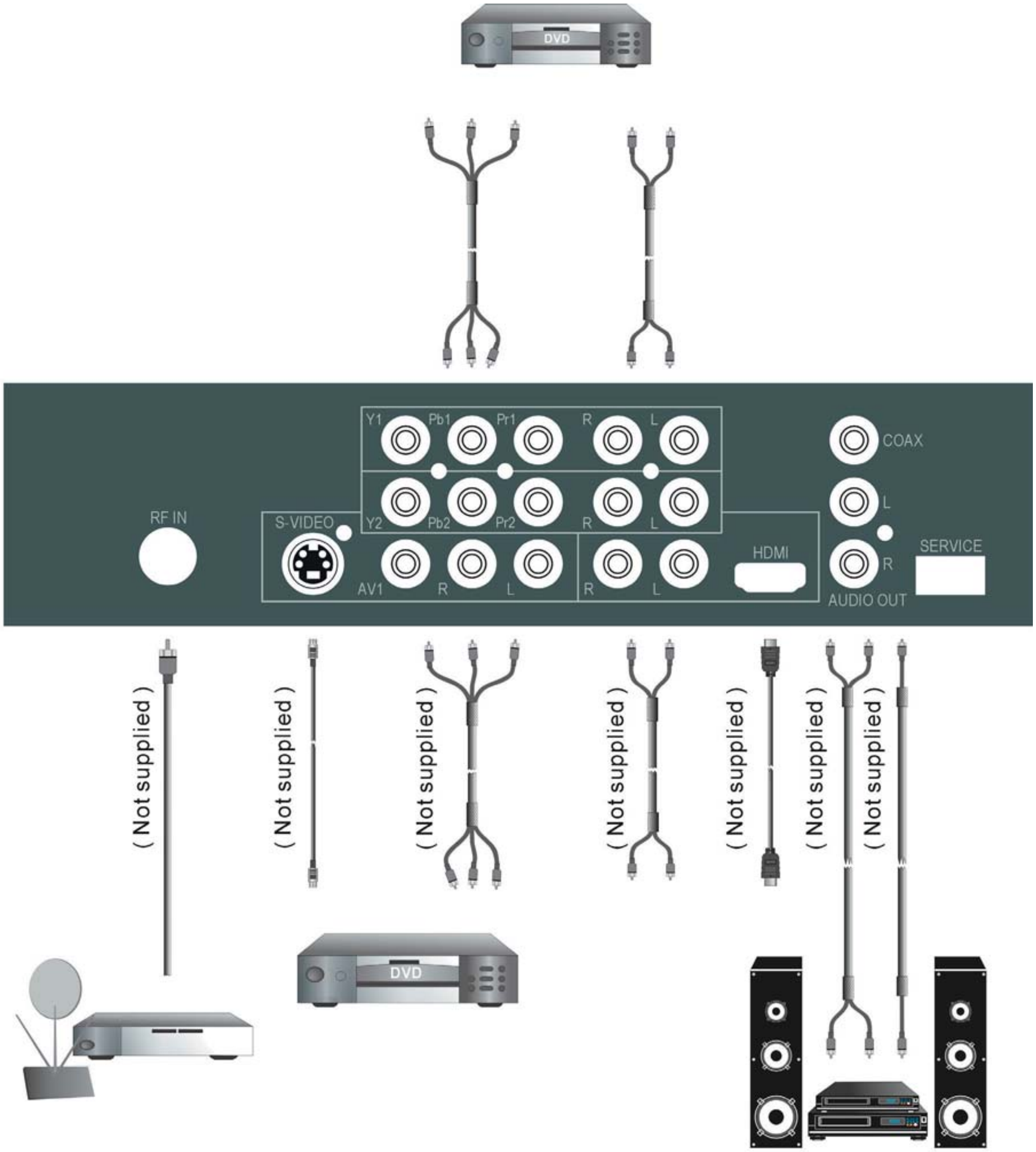

GAME
(Not supplied)
(Not supplied)
(Not supplied)
AV2
R
L
AUDIO IN
VGA

Use the remote control or machine front "Input" key to select the input source AV2 or VGA.

Rear Connectors



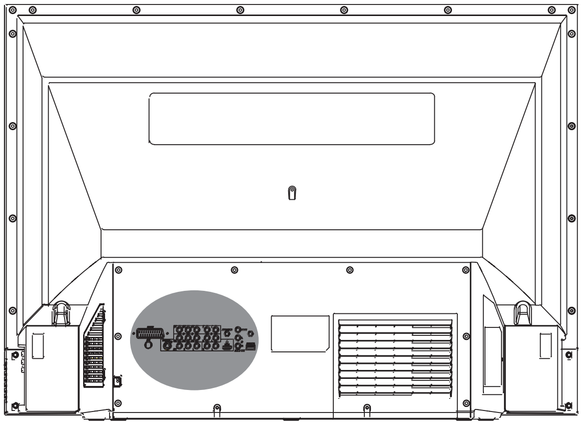
Use the Remote control or Machine front "Input" key to select the Input source to *TV / AV1 IN / S-Video / Component 1 / Component 2* or *HDMI*

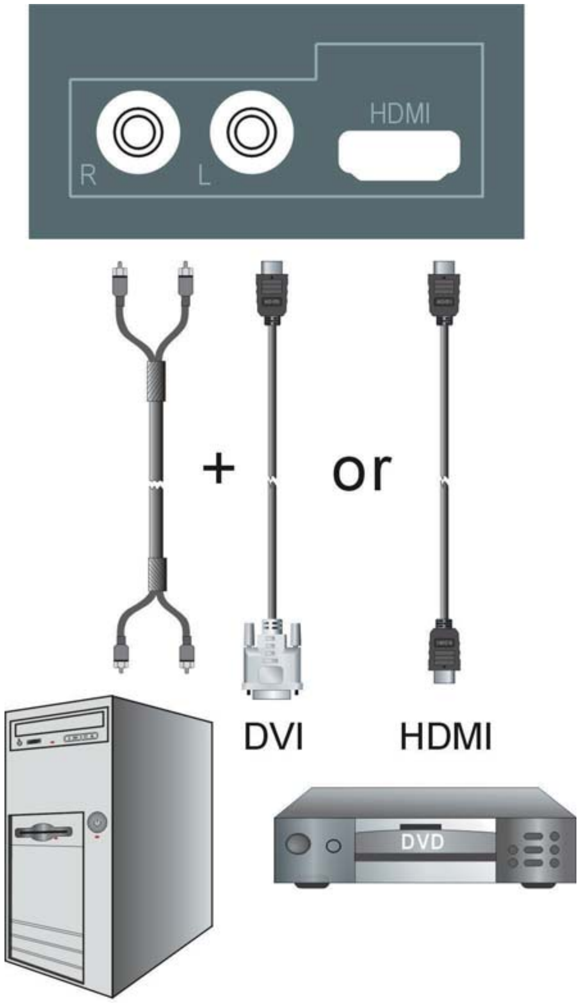

DVD
Y1
Pb1
Pr1
R
L
COAX
RF IN
S-VIDEO
Y2
Pb2
Pr2
R
L
L
HDMI
SERVICE
AV1
R
L
R
L
R
AUDIO OUT
(Not supplied)
(Not supplied)
(Not supplied)
(Not supplied)
(Not supplied)
(Not supplied)
(Not supplied)
DVD

If you are already using the component 1 IN input for another device, or you do not want to use the component 1 IN input for the DVD player, you can connect the DVD player to the component 2 IN group of connections.

Refer to your DVD player user manual for more information about the video output requirements of the product.

Rear Connectors (Continue)





Use the Remote control or TV front "Input" key to select the Input source to *HDMI*

HDMI port can connect with HDMI to HDMI cable or HDMI to DVI cable. If using HDMI to DVI cable connect TV and device, Audio cable should be used.

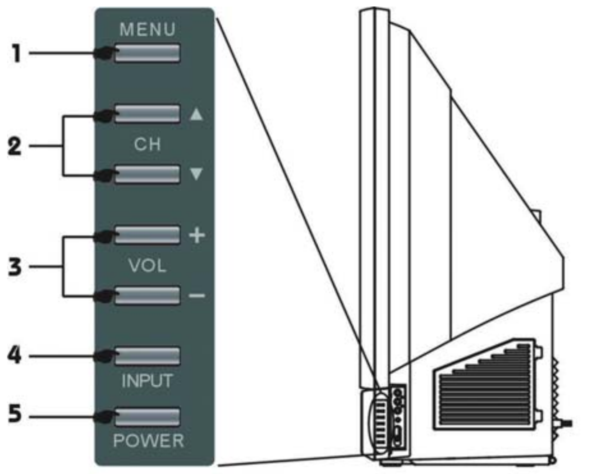
The DVI function supports High-bandwidth Digital Content Protection (HDCP).

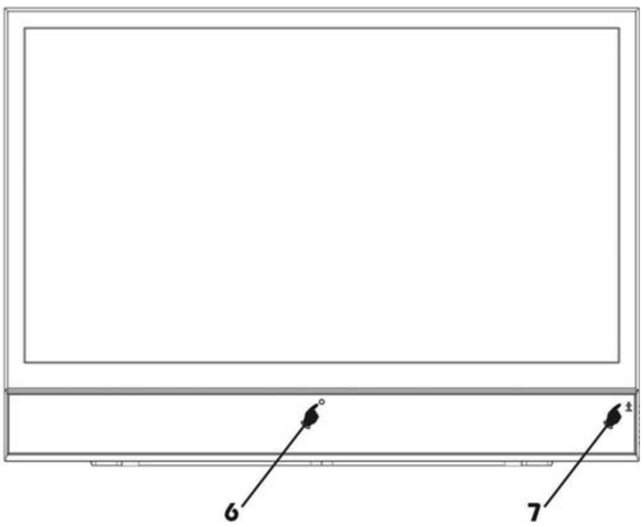
HDCP encrypts the transmission between the video source and the digital display for added security and protection.

New generation for home entertainment

Digital video equipment and other devices that have a digital interface compliant with the HDMI or DVI (Digital Visual Interface) standard should be connected to the HDMI input of the TV.

Video: HDMI
Audio: To left audio input (White)
To right audio input (Red)





1.Menu
Press this button to show or disappear OSD menu.

2.Channel
If the source of image is TV. These buttons are for selecting channels.
If OSD display. These are used for OSD menu ▲▼ item select.

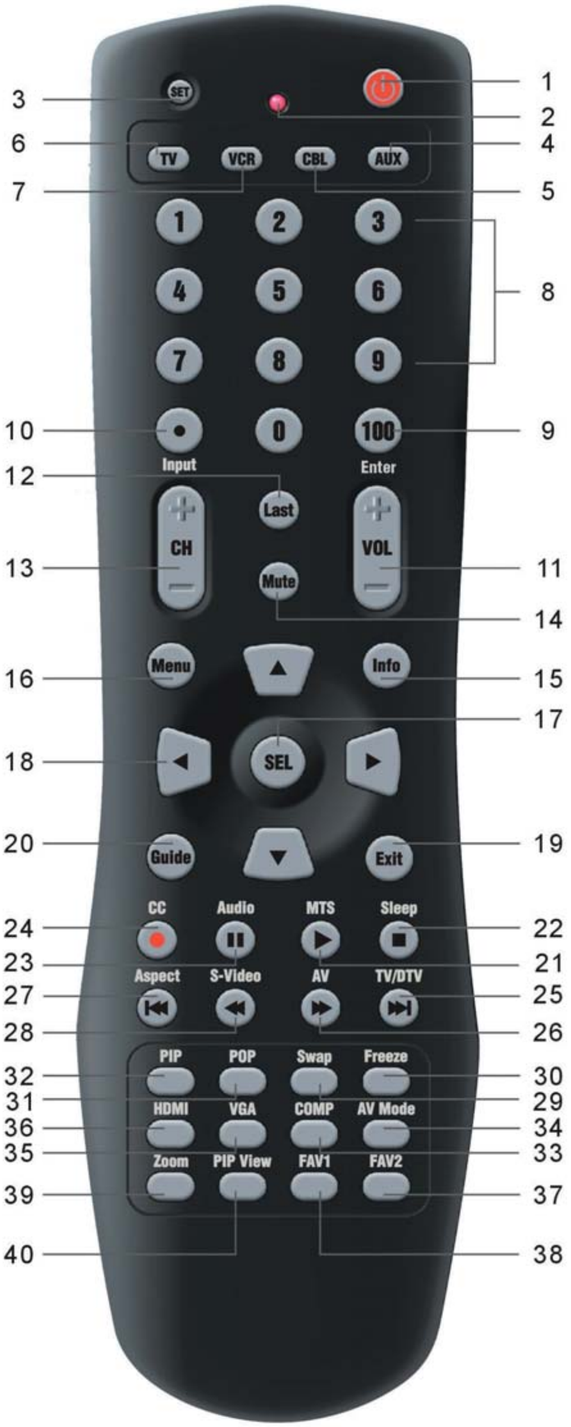
3.Volume
When OSD disappear. Thess buttoms is used for adjust volume
+ Volume decreases - Volume increases
When OSD display. These are used for OSD menu ◄► item select.

4.Input
a.Come with OSD menu. When choice one item, then press this button to adjust it's value.
b.Press this button to select correct image signal source. Such as TV, AV1, VGA.....etc.

5.Power
As long as the power cable on the back of the unit is plugged in the socket.
This button can activate or deactivate the power at any time.

6.IR Sensor
This is a windorw which receivers infrared signal from the remote controller.

7.Lamp / Power status
LED indicators of Power and Lamp. See page 47 for detail information.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1
2
4
5
8
9
11
14
15
17
19
22
21
25
26
30
29
34
33
37
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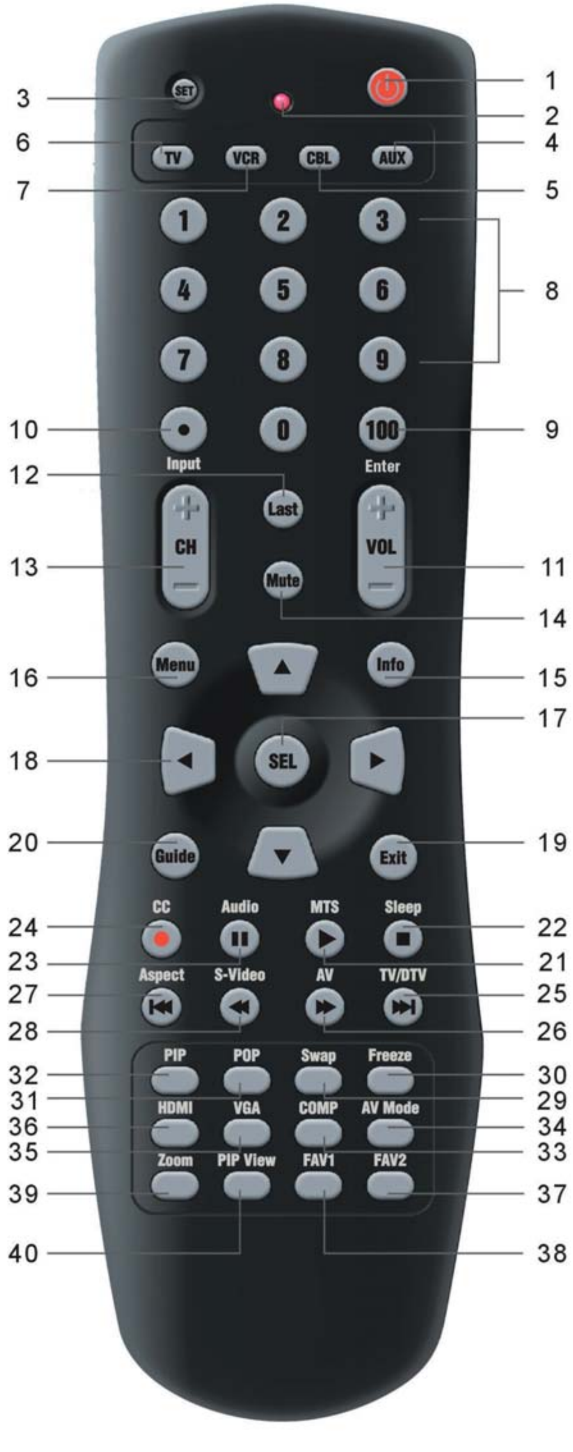
SET
TV
VCR
CBL
AUX
1
2
3
4
5
6
7
8
9
•
0
100
Input
Enter
Last
CH
VOL
Mute
Menu
Info
SEL
Guide
Exit
CC
Audio
MTS
Sleep
Aspect
S-Video
AV
TV/DTV
PIP
POP
Swap
Freeze
HDMI
VGA
COMP
AV Mode
Zoom
PIP View
FAV1
FAV2

Button name	Function
1. Power	Press this key to turn the TV On. Press it again to return to the TV Off.
2. Remote LED	Blinks when the remote is being programmed or is sending a signal to your TV.
3. SETUP	This button starts all programming sequences.
4. AUX	This button selects a programmed component.
5. CBL	This button selects a programmed cable TV set-top box or selects a programmed satellite TV set-top box.
6. TV	This button selects a programmed TV. Pre-programmed for the projuction TV.
7. VCR	This button selects a programmed VCR.
8. Number Button Pad	These buttons select a channel or password.
9. 100 / Enter	This button enters a channel number greater than 100 in TV mode. Additionally, it works as an ENTER button in other video modes.
10. • / Input	This button enters a decimal point for DTV channel number Additionally, it works as an INPUT button when the component is activated with the remote control.
11. VOL (+ or -)	These buttons turn volume up or down.
12. Last	This button recalls the previously viewed channel.
13. CH (+ or -)	These buttons change the channels up or down.
14. Mute	This button turns the sound on and off.
15. Info	Display the current status of the video source, audio (and chammel number when in TV mode), on the screen of your TV.
16. Menu	This button is used to select the OSD menu.
17. SELECT	This button works to select your chosen options in on-screen display (OSD) menus.
18. ▲▼◀▶	These buttons navigate the on-screen display (OSD) menus.
19. Exit	This button exits the component, guide or OSD menus.
20. Guide	This button is used to turn the EPG on or off in DTV mode. Please refer to the page34.
21. MTS / Play	Press this key to select Stereo, SAP (separate audio program) or Mono audio. This function is available in the TV mode. This button plays the CD,DVD or VCR when the component is activated with the remote control.
22. Sleep / Stop	Press this key to select the sleep options. This button stops the CD,DVD or VCR when the component is activated with the remote control.

Note :

If remote control can not work. Please press TV button firstly and try again.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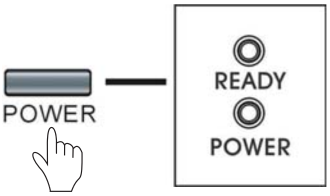
26
32
31
36
35
39
40
30
29
34
33
37
38
SET
TV
VCR
CBL
AUX
1
2
3
4
5
6
7
8
9
0
100
Input
Enter
Last
CH
VOL
Mute
Menu
Info
SEL
Guide
Exit
CC
Audio
MTS
Sleep
Aspect
S-Video
AV
TV/DTV
PIP
POP
Swap
Freeze
HDMI
VGA
COMP
AV Mode
Zoom
PIP View
FAV1
FAV2

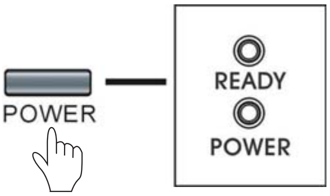
Button name	Function
23. Audio / Pause	Audio does not work in this TV mode. This button pauses the CD, DVD or VCR when the component is activated with the remote control.
24. CC / Record	Additionally, Press this key to select closed caption options. This button functions as a VCR Record when the component is activated with the remote control.
25. TV/DTV / Skip Forward	Additionally, this button will select the TV, Digital TV mode. This button Skip Forward. The CD,DVD or VCD when the component is actived with the remote control.
26. AV / Forward	Additionally, this button will select the AV1,AV2 in TV mode. This button forwards the CD, DVD or VCR when the component is activated with the remote control.
27. Aspect / Skip Reverse	Additionally, this button cycles through standard and widescreen viewing modes. This button Skip Reverse. The CD,DVD or VCD when the component is actived with the remote control.
28. S-video / Reverse	Additionally, this button will select the S-video in TV mode. This button rewinds the CD, DVD or VCR when the component is activated with the remote control.
29. Swap	Used to swap the inputs from the main and PiP or POP picture mode.
30. Freeze	Press this key to “Freeze-Frame”, the current screen. You may press this key again to continue playing or play will resume automatically after one minute.
31. POP	Use this key to activate the picture-on-picture mode.
32. PIP	Use this key to activate the picture-in-picture mode.
33. COMP	This button selects a programmed component display.
34. AV Mode	AV mode does not work in this TV mode.
35. VGA	This button selects a programmed VGA display.
36. HDMI	This button selects a programmed HDMI display.
37. FAV2	FAV2 does not work in this TV mode
38. FAV1	FAV1 does not work in this TV mode
39. Zoom	Zoom does not work in this TV mode
40. PIP View	PIP View does not work in this TV mode

7 Power ON / OFF

Power on

Operation status	Machine status	Lamp LED	POWER LED
1.Connect the power cord into 110V~240V Plug		Not display	Not display
2.Push the power button on the right side 	Lamp is active	Orange light flash	Green
3.Successfully power on	Display status	Not display	Green

Power off

Operation status	Machine status	Lamp LED	POWER LED
1.Push the power button on the right side 	Warm up	Orange light flash	Orange
2.Successfully power off		Not display	Not display

Note:

In order to protect the lamp, when you press the *POWER* key twice to turn off the machine, please wait at least 30 seconds for cooling down the lamp, then could press the *POWER* key to turn on the TV again.

Before use OSD, You must know:

Recommended ways to learn about operations

Before starting, please follow the suggested steps to understand the fundamentals of operating the display, and then you will be able to learn the operations in a short time:

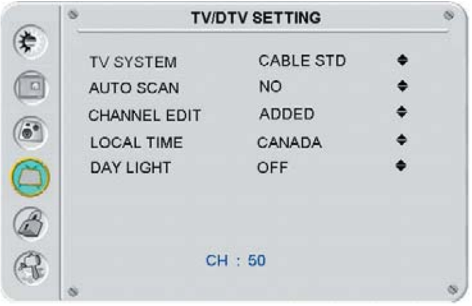
1.Please first learn to power on and power off the display. Refer to page 22 for the descriptions of the operations.
2.Please learn how to operate the OSD.
3.Understand what each OSD menu is. Refer to page 23~34 for an explanation of the OSD contents.

Example how to search TV channel.

After power on the TV, you need to setup channels memory.
Please follow the steps to set up:

1.Use TV/DTV button to select the source (TV), press the *MENU* key and bring up the OSD menu.

2.Use ▲▼ keys to select the “TV/DTV SETTING” option , press *SEL* to enter the submenu.

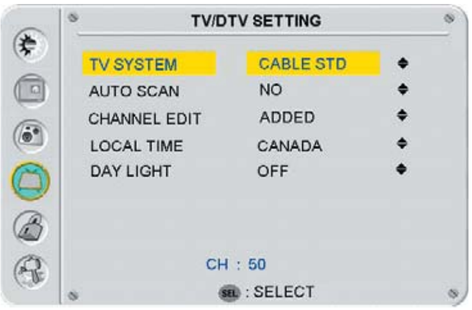


TV/DTV SETTING

TV SYSTEM	CABLE STD ◆
AUTO SCAN	NO ◆
CHANNEL EDIT	ADDED ◆
LOCAL TIME	CANADA ◆
DAY LIGHT	OFF ◆

CH : 50

3.Use ▲ ▼ key to select the item "TV SYSTEM" to select "ANTENNA", "CABLE STD", "CABLE HRC", "CABLE IRC", then use SEL to enter the item that you select.



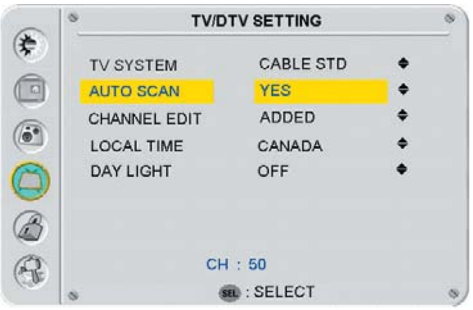
TV/DTV SETTING

TV SYSTEM	CABLE STD ◆
AUTO SCAN	NO ◆
CHANNEL EDIT	ADDED ◆
LOCAL TIME	CANADA ◆
DAY LIGHT	OFF ◆

CH : 50

SEL : SELECT

4.Use ▲ ▼ key to select the item "AUTO SCAN" to select "YES", then use SEL key to enter the item, to auto search the all channel.



TV/DTV SETTING

TV SYSTEM	CABLE STD ◆
AUTO SCAN	YES ◆
CHANNEL EDIT	ADDED ◆
LOCAL TIME	CANADA ◆
DAY LIGHT	OFF ◆

CH : 50

SEL : SELECT

OSD explanation

IMAGE SETTING

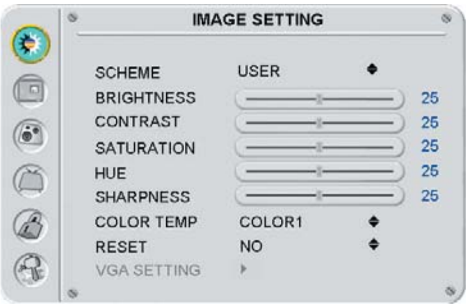


IMAGE SETTING

SCHEME USER
BRIGHTNESS 25
CONTRAST 25
SATURATION 25
HUE 25
SHARPNESS 25
COLOR TEMP COLOR1
RESET NO
VGA SETTING

For other input source (Except VGA)

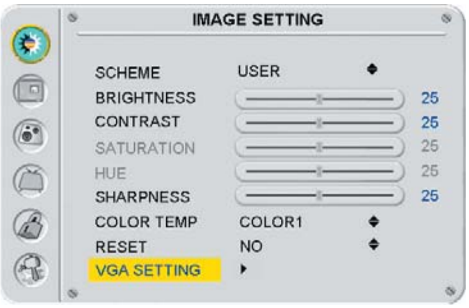


IMAGE SETTING

SCHEME USER
BRIGHTNESS 25
CONTRAST 25
SATURATION 25
HUE 25
SHARPNESS 25
COLOR TEMP COLOR1
RESET NO
VGA SETTING

Only for Input source Mode: VGA

Original image

1.SCHEME

- ♦ Use ▲▼ to select different video mode "USER", "VIVID", "DIMMER", "GAME", "SPORT", then press "SEL" key to enter the item that you select.
- ♦ Use "EXIT" to exit this function.

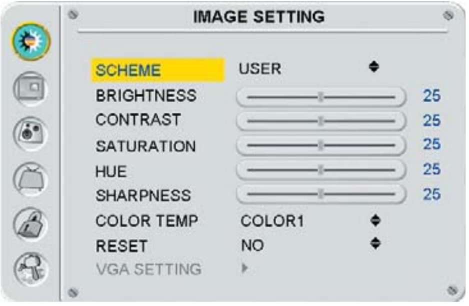


IMAGE SETTING

SCHEME USER
BRIGHTNESS 25
CONTRAST 25
SATURATION 25
HUE 25
SHARPNESS 25
COLOR TEMP COLOR1
RESET NO
VGA SETTING

2.BRIGHTNESS

Adjust the brightness of the screen image

◄ Reduce brightness ► Increase brightness

3.CONTRAST

Adjust the contrast of the screen image

◄ Reduce contrast ► Increase contrast

4.SATURATION

Adjust the color saturation of the screen image

◄ Reduce saturation ► Increase saturation

5.HUE

Adjust the tone of the screen image

◄ Increase red tone ► Increase green tone

6.SHARPNESS

◄ Reduce sharpness ► Increase sharpness

7. COLOR TEMPERATURE

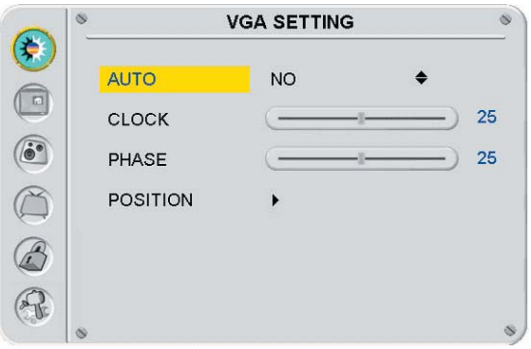
Use ▲▼ to select color temperature "Color 1", "Color 2", "Color 3", then press "SEL" key to enter the item that you select.
Use "EXIT" to exit this function.

8. RESET

Use ▲▼ to select NO or YES.

YES	Mean call the factury default setting for Image Setting.
NO	Keep your picture adjust setting.

9. VGA SETTING



VGA SETTING

AUTO NO

CLOCK 25

PHASE 25

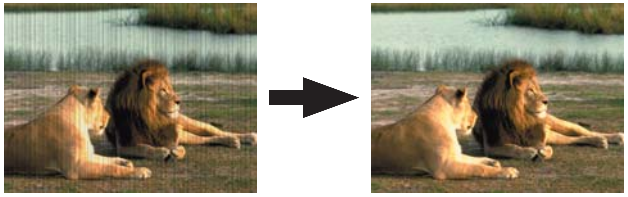
POSITION

9-1. AUTO

Use ▲▼ to select NO or YES
Press SEL to auto get the input signal again.

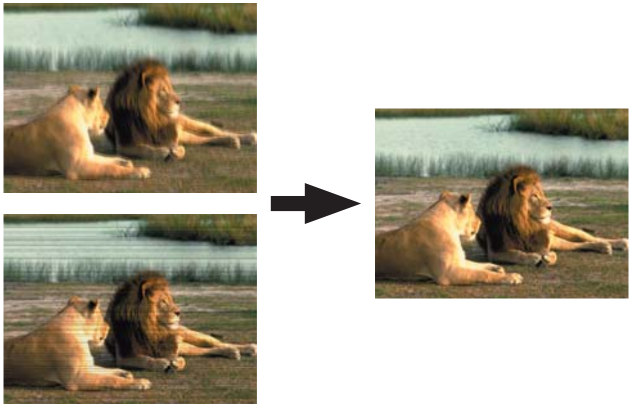
9-2.CLOCK

Use◄ ►to change the clock value
Adjusting the image interference. When the screen shows interference caused by disturbing wave, please adjust the clock.



9-3. PHASE

Adjusting Phase distortion of image in PC mode.When the screen shows flashing, ghost image or undulation, please adjust the phase.



9-4. POSITION

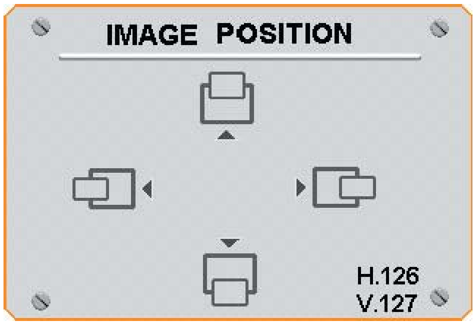
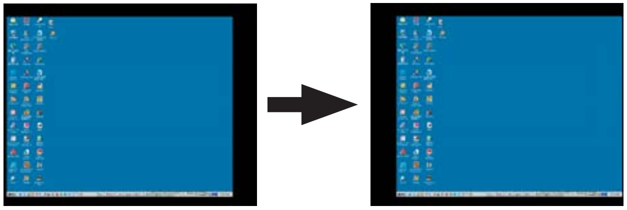


IMAGE POSITION

H.126
V.127

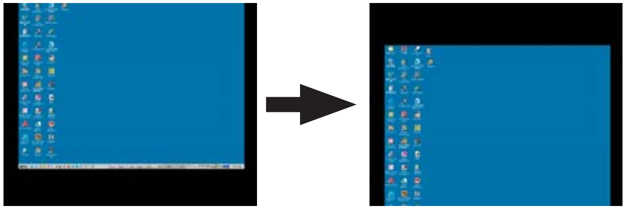
9-4-1. H POSITION

Use ◄ ► to change image Horizontal position.

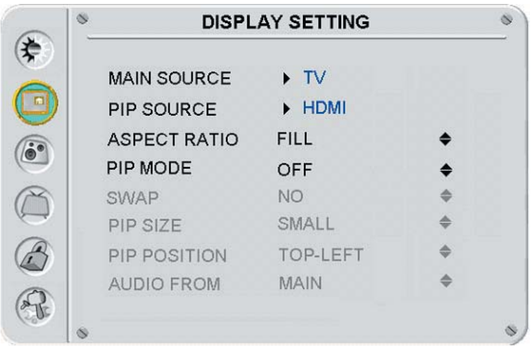


9-4-2. V POSITION

Use ▲▼ to change image Vertical position.



DISPLAY SETTING

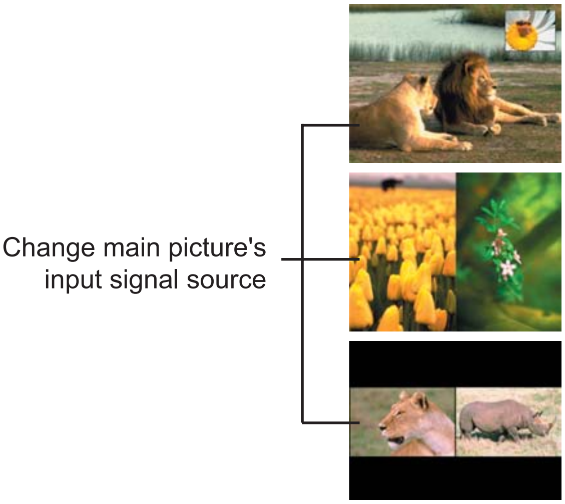


DISPLAY SETTING

MAIN SOURCE	TV
PIP SOURCE	HDMI
ASPECT RATIO	FILL
PIP MODE	OFF
SWAP	NO
PIP SIZE	SMALL
PIP POSITION	TOP-LEFT
AUDIO FROM	MAIN

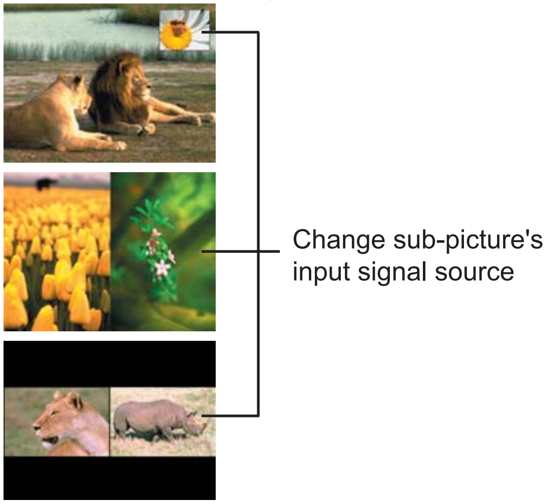
1.MAIN SOURCE

Press *SEL* first, then use ▲▼ to change the Main picture input source signal. such as TV, AV1, AV2, S-VIDEO, VGA, COMPONENT1, COMPONENT2, HDTV, HDMI


Change main picture's input signal source

2.PIP SOURCE

Press *SEL* first, then use ▲▼ to change the SUB picture input source signal.

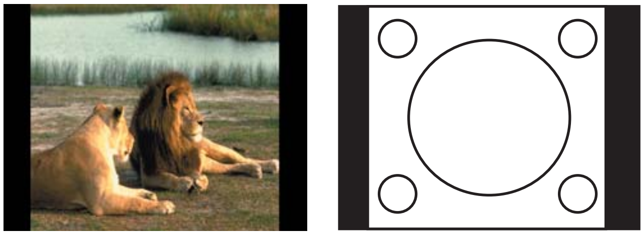

Change sub-picture's input signal source

3.ASPECT RATIO *=remote control key "ASPECT"*

Use ▲▼ to select items.

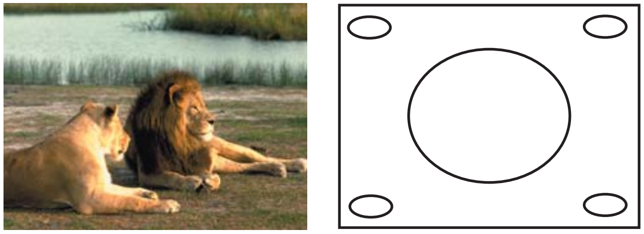
♦ Standard

Suitable for viewing conventional 4:3 programs in their normal format.



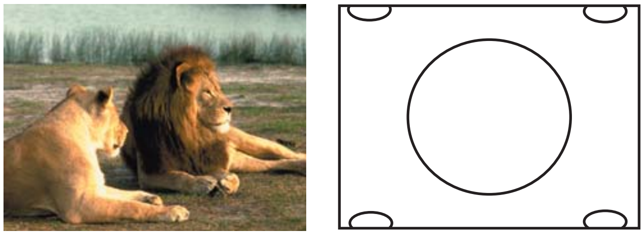
♦ Fill

Suitable for stretching 4:3 programs to fill the screen



♦ Zoom

Suitable for viewing wide-screen 2.35:1 nongraphic DVD in full screen.



4.PIP MODE *=remote control key "PIP" and "POP"*

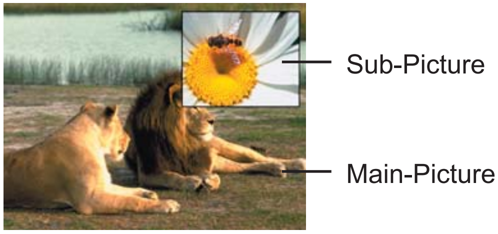
Use ▲▼ to select OFF, PIP, POP, PBP

♦ OFF

only display main picture, not display sub-picture.

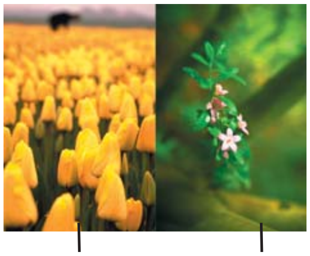
♦ PIP

Display the sub-picture on the screen.


Sub-Picture
Main-Picture

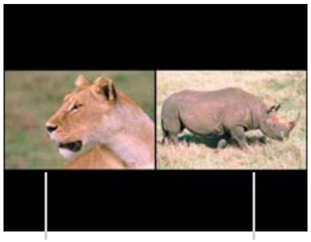
♦ PBP

The screen is divided in half.


Main-Picture
Sub-Picture

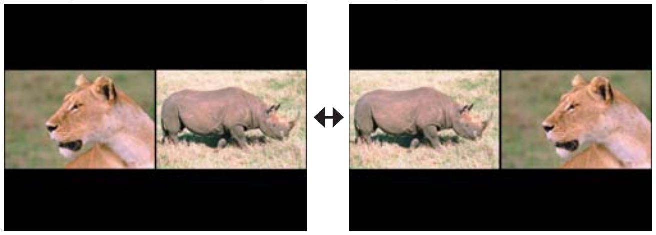
♦ POP

The screen is in the 16:9 mode and divided in half.


Main-Picture
Sub-Picture

5.SWAP *=remote control key "SWAP"*

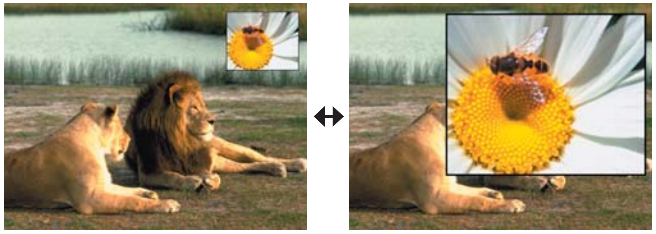
Main picture and sub picture swap.



Original After Swap

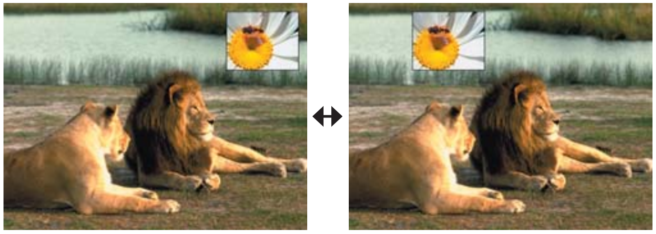
6.PIP SIZE *(SMALL, MEDIUM, LARGE)*

Use ▲▼ to change sub-piecure size



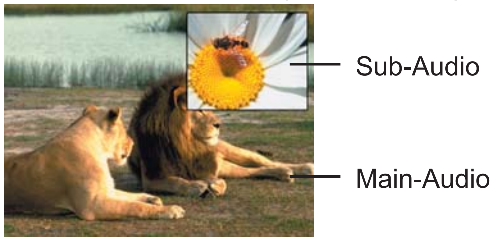
7.PIP POSITION

Use ▲▼ to adjust sub-piecure horizontal position.

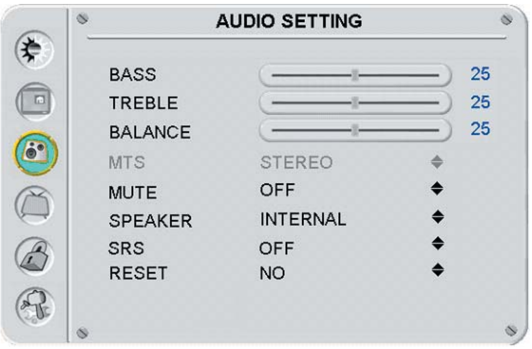


8.AUDIO FROM :

Select audio from main picture or sub picture.


Sub-Audio
Main-Audio

AUDIO SETTING



AUDIO SETTING

BASS		25
TREBLE		25
BALANCE		25
MTS	STEREO	
MUTE	OFF	
SPEAKER	INTERNAL	
SRS	OFF	
RESET	NO	

1.BASS

Use ◄► to djust the ratio of Bass

2.TREBLE

Use ◄► to djust the high-pitched sound

3.BALANCE

Use ◄► to djust the balance level between left and right speakers.

4.MTS *=remote control key "MTS"*

NTSC SYSTEM

Use ▲▼ to select TV audio "STEREO" / "MONO" / "SAP"

ATSC SYSTEM

Use ▲▼ to select TV audio "ENGLISH" / FRANÇAIS" / "ESPAÑOL"

5.MUTE *=remote control key "MUTE"*

Use ▲▼ to select audio ON or OFF.

6."INTERNAL" or "EXTERNAL" SPEAKER

Use ▲▼ to select.

7.SRS

Use ▲▼ to turn audio SRS mode ON / OFF.

♦SRS = Sound Retrieval System
Base on the human hearing system; use the HRTF characteristics to compensate difference between traditional recordings. Extract the hidden environment sounds from the recording, and then process and recreate the original stereo sound. The display adapts the SRS technology, as well as the SRS WOW sound effect; this delivers displays with stereo that's broad and with vertical sound field.

♦ SRS WOW is a trademark of SRS Labs, Inc.

♦ The SRS WOW Technology is incorporated under license from SRS Labs, Inc.

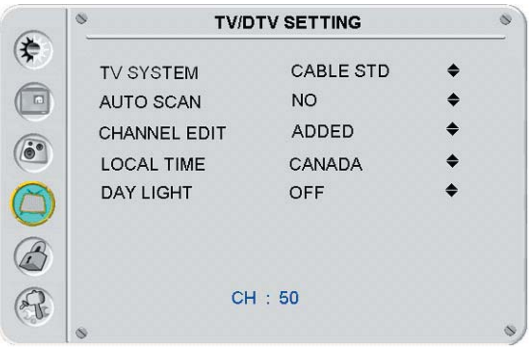
8.RESET

Use ▲▼ to select NO or YES.

♦YES → Mean call the factory default setting for audio setting.

♦NO → Keep your audio adjust setting.

TV/DTV SETTING



TV/DTV SETTING

TV SYSTEM CABLE STD

AUTO SCAN NO

CHANNEL EDIT ADDED

LOCAL TIME CANADA

DAY LIGHT OFF

CH : 50

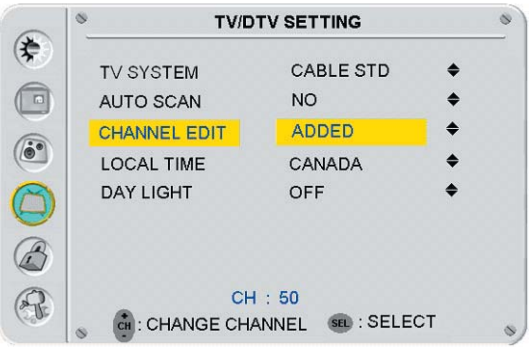
1.TV SYSTEM

- ♦ Use SEL key to enter "TV SYSTEM" function.
- ♦ Use ▲▼ to select TV SYSTEM. (CABLE STD, CABLE HRC, CABLE IRC, ANTENNAE).
- ♦ Then press SEL key to enter the item that you select
- ♦ Use "EXIT" to exit this function.

2.AUTO SCAN

- ♦ Use SEL key to enter "AUTO SCAN" function
- ♦ Use ▲▼ to select NO or YES, then press SEL key to enter the item that you select.

3.CHANNEL EDIT



TV/DTV SETTING

TV SYSTEM CABLE STD

AUTO SCAN NO

CHANNEL EDIT ADDED

LOCAL TIME CANADA

DAY LIGHT OFF

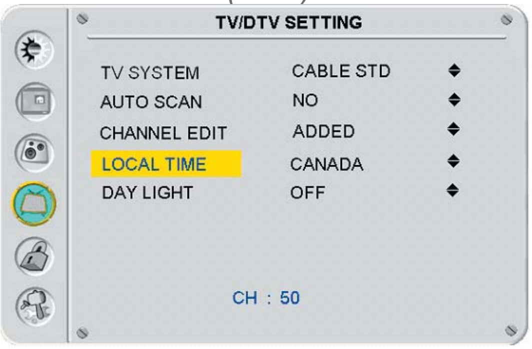
CH : 50

CH : CHANGE CHANNEL SEL : SELECT

- ♦ Use SEL key to enter "CHANNEL EDIT" function.
- ♦ Use ▲▼ to select channel "ADDED" or "SKIPPED", then press SEL key to enter the item that you select.
- ♦ Use "EXIT" to exit this function.

(for DTV)

4.LOCAL TIME (DTV)



TV/DTV SETTING

TV SYSTEM CABLE STD

AUTO SCAN NO

CHANNEL EDIT ADDED

LOCAL TIME CANADA

DAY LIGHT OFF

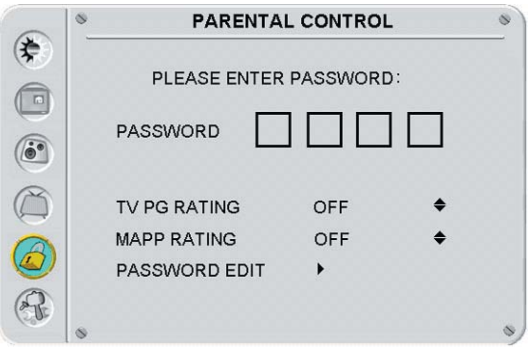
CH : 50

- ♦ Use SEL key to enter "LOCAL TIMER" function.
- ♦ Use ▲▼ to select local time. (CANADA, EASTERN, CENTRAL, MOUNTAIN, PACIFIC, ALASKA, HAWAII, SAMOA, NEWFOUNDLAND)
- ♦ Use "EXIT" to exit this function.

5.DAY LIGHT (DTV)

- ♦ Use SEL key to enter "DAY LIGHT" function.
- ♦ Use ▲▼ to select ON or OFF, then press SEL key to enter the item that you select.
- ♦ Use "EXIT" to exit this function.

PARENTAL CONTROL



PARENTAL CONTROL

PLEASE ENTER PASSWORD:

PASSWORD ☐ ☐ ☐ ☐

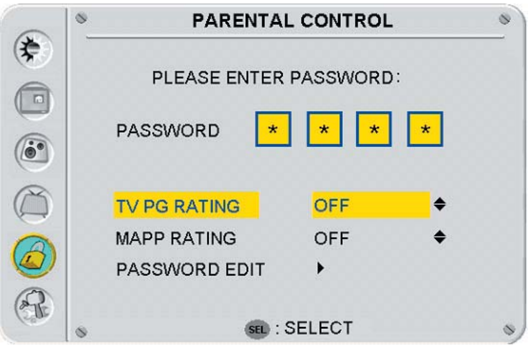
TV PG RATING OFF

MAPP RATING OFF

PASSWORD EDIT

The parental controls feature prevents viewers from watching programs that are not age-appropriate, such as programs containing violence or adult language. The factury default password is 0000. Just use remote control keyin the number to enter the parental controls sub-menu.

2.TV RATING



PARENTAL CONTROL

PLEASE ENTER PASSWORD:

PASSWORD * * * *

TV PG RATING OFF

MAPP RATING OFF

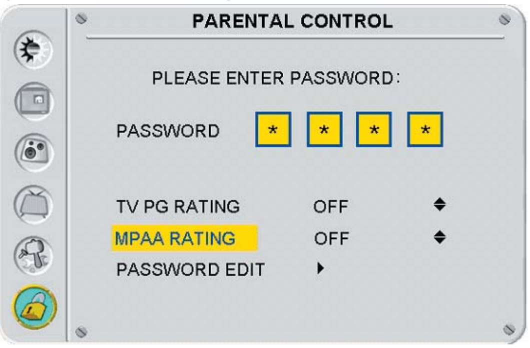
PASSWORD EDIT

SEL : SELECT

Use ▲▼to select which rating you want to block or unblock, then press *SEL* to block or unblock the current rating level.

- ♦OFF → TV rating not control.
- ♦TV-Y → For all children.
- ♦TV-Y7 → For children of age 7 and above. FV means the program may include mild violence.
- ♦TV-G → For general audience. But most parents do not approve it for small children. program contains material that parents may find unsuitable for younger children.
- ♦TV-PG → Guodamce siggested.
- ♦TV-14 → Unsuitable for children under 14 year of age.
- ♦TV-MA → Mature Audience Only, unsuitable for children under 17.

3.MPAA RATING



PARENTAL CONTROL

PLEASE ENTER PASSWORD:

PASSWORD * * * *

TV PG RATING OFF

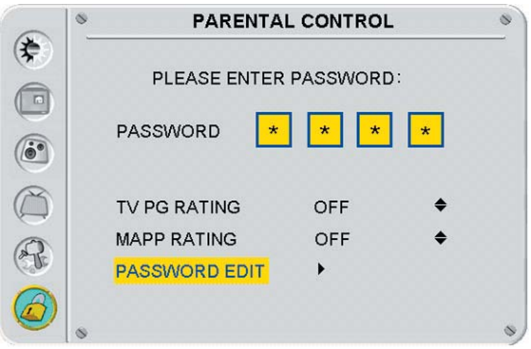
MPAA RATING OFF

PASSWORD EDIT

Use ▲▼ to select which rating you want to block or unblock, then press *SEL* to block or unblock the current rating level.

- ♦ G → General audience.
- ♦ PG → Parental guidance suggested.
- ♦ PG-13 → Recommended for children 13 years of age and later.
- ♦ R → Mature audience.
- ♦ NC-17 → No one under 17 years of age.
- ♦ X → Adult audience only.

4.PASSWORD EDIT



PARENTAL CONTROL

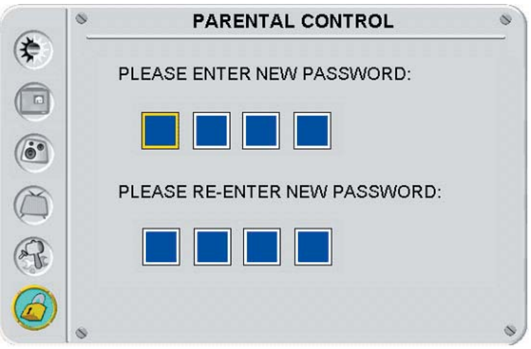
PLEASE ENTER PASSWORD:

PASSWORD * * * *

TV PG RATING OFF

MAPP RATING OFF

PASSWORD EDIT



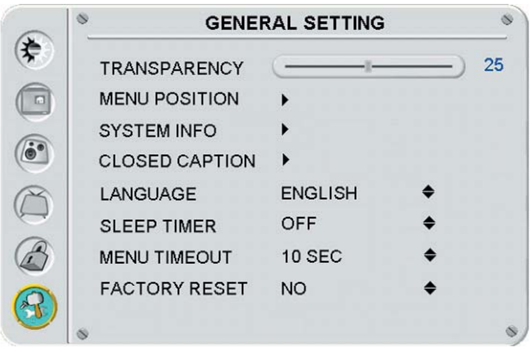
PARENTAL CONTROL

PLEASE ENTER NEW PASSWORD:

PLEASE RE-ENTER NEW PASSWORD:

Change and set up new Parental Control password. Enter the 4 new digits and the set up will automatically proceed to the next line - "PLEASE RE-ENTER NEW PASSWORD" Enter the 4 digits typed during NEW PASSWORD, press SEL to confirm and the change is completed.

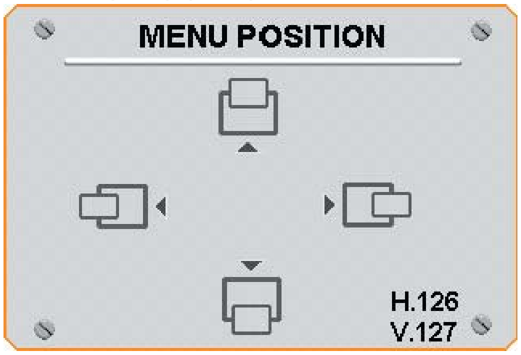
GENERAL SETTING


GENERAL SETTING
TRANSPARENCY 25
MENU POSITION
SYSTEM INFO
CLOSED CAPTION
LANGUAGE ENGLISH
SLEEP TIMER OFF
MENU TIMEOUT 10 SEC
FACTORY RESET NO

1.TRANSPARENCY

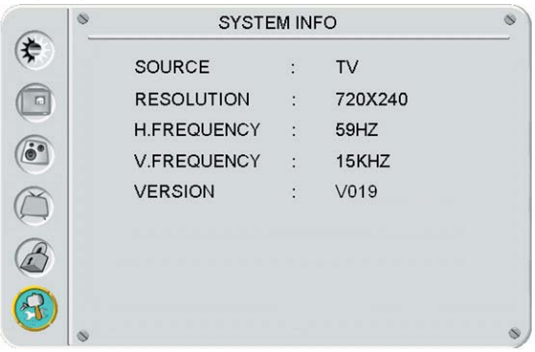
- ♦ Use SEL key to enter "TRANSPARENCY" adjustment function.
- ♦ Use ◄► to change OSD menu transparency.
- ♦ Use "EXIT" key to exit this function.

2.MENU POSITION



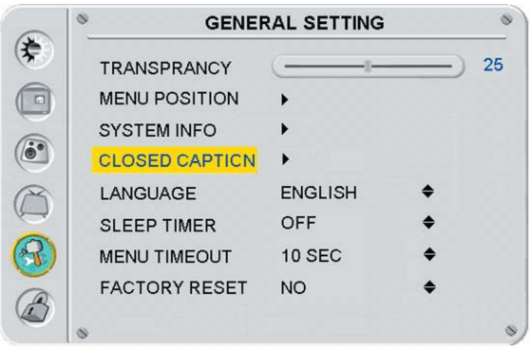
- ♦ Use SEL key to enter "MENU POSITION" sub-menu.
- ♦ Use ◄► to change OSD menu H position.
- ♦ Use ▲▼ to change OSD menu V position.
- ♦ Use "EXIT" key to exit this function.

3.SYSTEM INFO

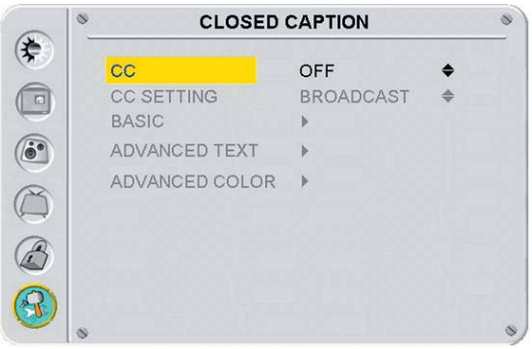

SYSTEM INFO
SOURCE : TV
RESOLUTION : 720X240
H.FREQUENCY : 59HZ
V.FREQUENCY : 15KHZ
VERSION : V019

- ♦ Display some information about this TV set, may also be displayed by pressing the hotkey on the remote contorl.
- ♦ Use SEL key to enter "SYSTEM INFO" sub-menu.
  SOURCE : Display the input signal of current main picture.
  RESOLUTION : Display the main picture input signal resolution.
  H. FREQUENCY : Display the main picture input signal H. Frequency.
  V. FREQUENCY : Display the main picture input signal V. Frequency.
  VERSION : Display this TV set software version.
- ♦ Use "EXIT" key to exit this function.

4.CLOSED CAPTION


GENERAL SETTING
TRANSPRANCY 25
MENU POSITION
SYSTEM INFO
CLOSED CAPTICN
LANGUAGE ENGLISH
SLEEP TIMER OFF
MENU TIMEOUT 10 SEC
FACTORY RESET NO

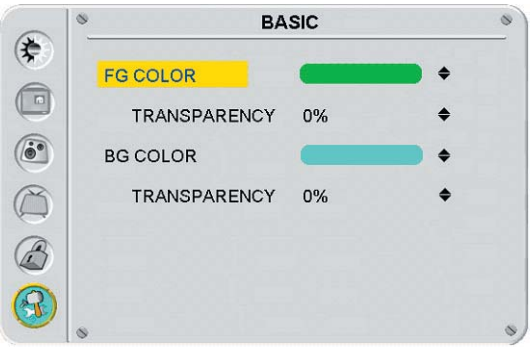
- ♦ Use SEL key to enter "CLOSED CAPTION" sub-menu.


CLOSED CAPTION
CC OFF
CC SETTING BROADCAST
BASIC
ADVANCED TEXT
ADVANCED COLOR

NTSC SYSTEM (TV)
· CC
Use ▲▼ to select closed caption "OFF" / "CC1" / "CC2" / "CC3" / "TEXT1" / "TEXT2" / "TEXT3" / "TEXT4", then press SEL key to enter the item that you select.

ATSC SYSTEM (DTV)
· CC
Use ▲▼ to select closed caption "OFF" / "CC1" / "CC2" / "CC3" / "CC4" / "CS1" / "CS2" / "CS3" / "CS4" / "CS5" / "CS6", then press SEL key to enter the item that you select.

· CC SETTING
Use ▲▼ to select CC SETTING "BROADCAST" or "USER", then press SEL sky to enterthe item that you select.

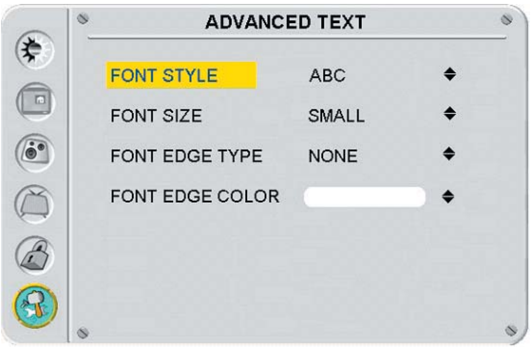


BASIC

FG COLOR 🟩 ⬍
TRANSPARENCY 0% ⬍
BG COLOR 🟦 ⬍
TRANSPARENCY 0% ⬍

· BASIC
When the "CC" is setting to "CC1~CS6" and "CC SETTING" is setting "USER", this item will be enable.

There are 4 items can to change :
FG COLOR (FOREGROUND COLOR) :
→ Change frogeground color.
TRANSPARENCY :
→ Change frogeground transparency.
BG COLOR (BACKGROUND COLOR) :
→ Change backgroung color.
TRANSPARENCY :
→ Change background transparency.

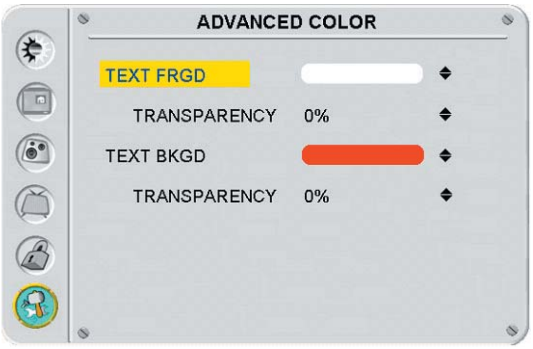


ADVANCED TEXT

FONT STYLE ABC ⬍
FONT SIZE SMALL ⬍
FONT EDGE TYPE NONE ⬍
FONT EDGE COLOR ⬜ ⬍

· "ADVANCED TEXT" and "ADVANCED COLOR"
When the "CC" is setting to "CS1~CS6" and "CC SETTING" is setting "USER" these items will be enable.

· ADVANCED TEXT
There are 4 items can to change :
FONT STYLE :
→ Change font to different style.
FONT SIZE :
→ Change font size, such as "SMALL" / "MEDIUM" / "LARGE".
FONT EDGE TYPE :
→ Change font edge style, such as "NONE" / "LEFT" / "RIGHT" / "UNIFORM" / "RAISE" / "LOWER".
FONT EDGE COLOR :
→ Change font edge color.



ADVANCED COLOR

TEXT FRGD ⬜ ⬍
TRANSPARENCY 0% ⬍
TEXT BKGD 🟥 ⬍
TRANSPARENCY 0% ⬍

· ADVANCE COLOR
There are 4 items can to change :
TEXT FRGD :
→ Change text forgeground color.
TRANSPARENCY :
→ Change text forgeground transparency.
TEXT BKGD :
→ Change text background color.
TRANSPARENCY :
→ Change text background transparency.

5.LANGUAGE

Set OSD display language, there are three language options:
ENGLISH
FRANÇAIS
ESPAÑOL

6.SLEEP TIMER *=remote control key "SLEEP"*

Set up the time to turn off the display, works the same as the hotkey SLEEP on the remote control. The sleep timer will be reset to zero every time when the display restarts. If it is set to 30 minutes, this means in 30 minutes from the timer is set, the display will be turned off automatically. If the timer is set to OFF, the function will be disabled. There are four item can to select "OFF" / "30 MIN" / "60 MIN" / "120 MIN".

7.MENU TIMEOUT

Use▲ ▼to set up OSD display time, the value range is "10 SEC" / "30 SEC" / "60 SEC"

If the OSD TIMEOUT is set to 30 seconds, OSD screen will automatically disappear in 30 seconds if not any key is pressed.

8.SAVE ENERGY

- Use SEL key to enter "SAVE ENERGY" function.
- Use ▲▼ to select ON or YES, then press SEL key to enter the item that you select.
- If you select "YES" the TV will reduce brightness and reduce power consumption.
- Use "EXIT" to exit this function.

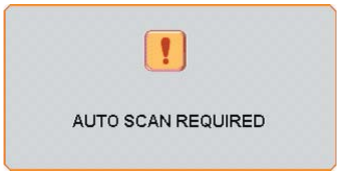
9.FAVTORY RESET

Select YES to return all OSD settings to the defult values, Select NO to stay unchanged.

OSD MESSAGE

1.AUTO SCAN REQUIRED

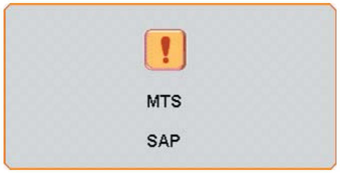
Need to search TV channel message.



AUTO SCAN REQUIRED

2.MTS

Display TV audio system message.

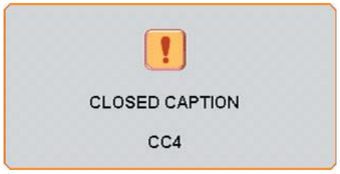


MTS

SAP

3.CLOSED CAPTION

Display CC system message.

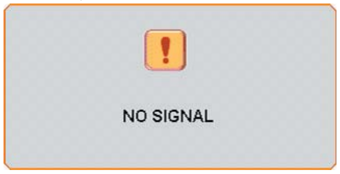


CLOSED CAPTION

CC4

4.NO SIGNAL

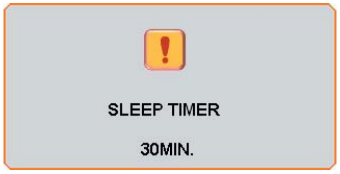
Display the main picture no signal input message.



NO SIGNAL

5.SLEEP TIMER

Display sleep timer message.



SLEEP TIMER

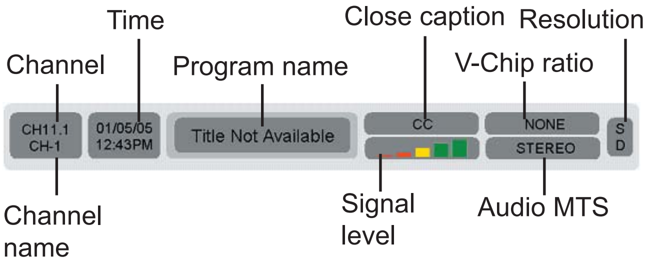
30MIN.

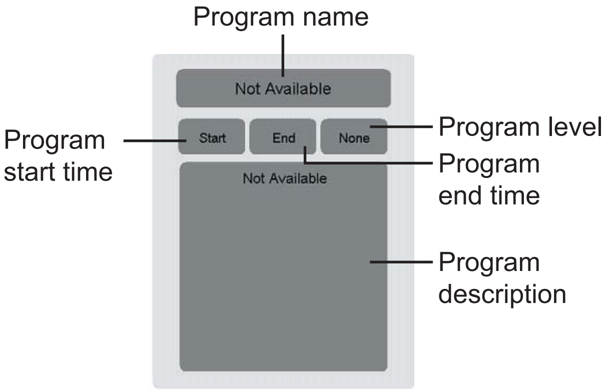
6.NO FUNCTION

When use press remote control "Audio", "AV mode", "Zoom", "PIP View", "FAV1", "FAV2" key, the message wall display "NO FUNCTION" message ; these function in the TV no function.

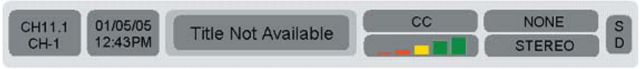
DTV - INFORMATION

1.Program Info

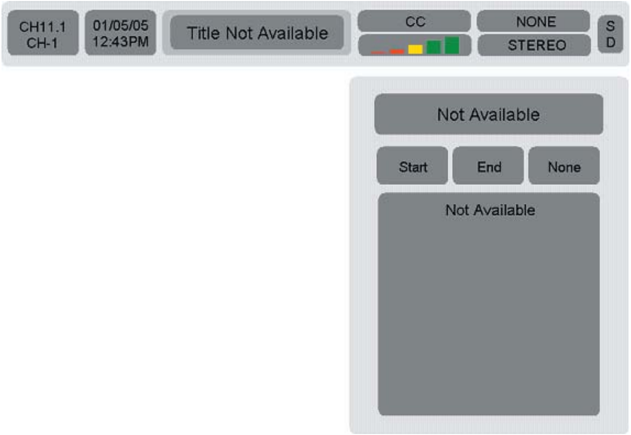

Time
Close caption
Resolution
Channel
Program name
V-Chip ratio
CH11.1
CH-1
01/05/05
12:43PM
Title Not Available
CC
NONE
STEREO
S
D
Channel name
Signal level
Audio MTS


Program name
Not Available
Program start time
Start
End
None
Program level
Program end time
Not Available
Program description

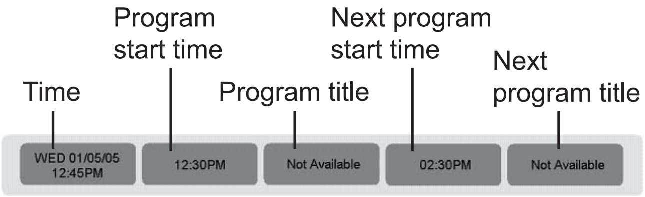
1-1 Press remote control "Info" key the picture will display this block.

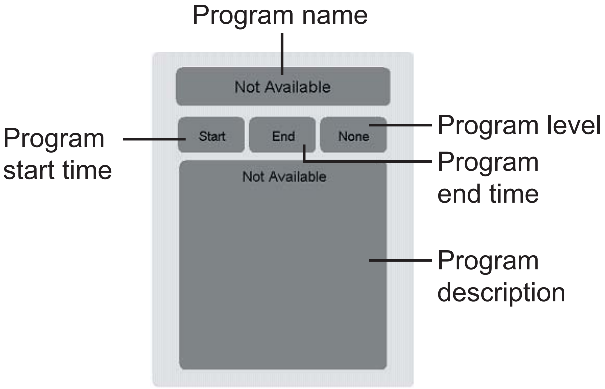

CH11.1
CH-1
01/05/05
12:43PM
Title Not Available
CC
NONE
STEREO
S
D

1-2 If press "Info" key again the picture will display this block.

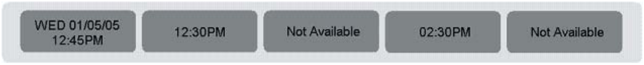

CH11.1
CH-1
01/05/05
12:43PM
Title Not Available
CC
NONE
STEREO
S
D
Not Available
Start
End
None
Not Available

2.Guide (EPG)

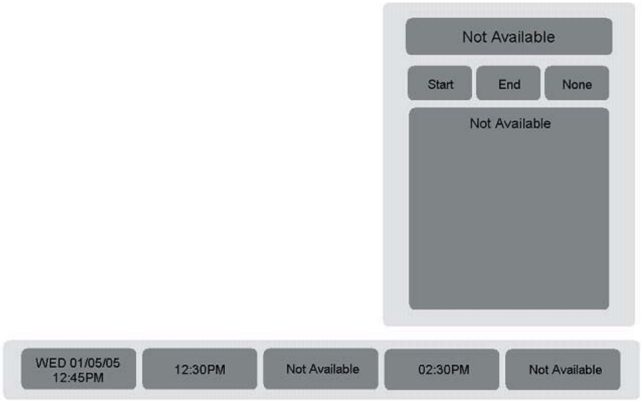

Program start time
Next program start time
Next program title
Time
Program title
WED 01/05/05
12:45PM
12:30PM
Not Available
02:30PM
Not Available


Program name
Not Available
Program start time
Start
End
None
Program level
Program end time
Not Available
Program description

2-1 Press remote control "Info" key the picture will display this block.


WED 01/05/05
12:45PM
12:30PM
Not Available
02:30PM
Not Available

2-2 If press "Guide" key again the picture will display this block.


Not Available
Start
End
None
Not Available
WED 01/05/05
12:45PM
12:30PM
Not Available
02:30PM
Not Available

The TV device button has been preset to work with your TV (program code 11369). You can program the remote control to work with as many as seven other devices.

To program the remote to control other devices:

You can program the remote control to work with up to four different components. Listed below are the step for programming you TV, VCR, Cable Box and DVD Player.

Programming for Second TV, VCR, DVD, PVR, Cable Box, AUX, Amplifier…etc.
For your convenience, the TV button on the remote has already been preprogrammed for the LCD TV. If you would like to program a second TV as the primary TV, please follow the instructions as below.

1. Manually turn on the TV.
2. Press VCR or CBL or AUX button on the remote control.
3. Press and hold the SETUP button until the LED LIGHT flashes twice.
4. Find the programming code for your second TV in the code list in the back of this book and enter it using the Number Buttons. If the code is accepted, the LED flashes twice after the last digit is entered.
5. If the LED does not flash twice, repeat Step 2 through 4 with the next code listed for the component and manufacturer.
6. Point the remote control at the second TV and press the POWER button. The TV will turn off.
7. If you want to setup the programming code for your VCR, DVD, PVR, Cable Box, AUX or Amplifier…etc. You can follow the step2 through step4 with related setup code listed for the manufacturer.

Note:
- If your TV does not respond, try all the code for you brand.
  If the codes do not work, or you brand is not listed, see the next page “Searing for Component Codes”.
- Sometimes a code listed will only include limited functions.
  Try other codes that may include more functionality.

Cable set-top box codes

Manufacturer	Program Code
ABC	0003, 0017
Americast	0899
Bell South	0899
General Instrument	0276, 0476, 0810
Goldstar	0144
Hamlin	0009, 0273
Jerrold	0003, 0276, 0476, 0810
Memorex	0000
Motorola	1106
Pace	0237
Panasonic	0107, 0000
Paragon	0000

Manufacturer	Program Code
Philips	0305, 0317
Pioneer	0144, 0533, 0877
Pulsar	0000
Quasar	0000
Regal	0273, 0279
Runco	0000
Samsung	0144
Scientific Atlanta	0017, 0477, 0877
Starcom	0003
Toshiba	0000
Zenith	0000, 0525, 0899

Searing for device program codes

Setup Code For TVs (T)

Addison	10092
Admiral	10093, 10463
Advent	10761, 10842
Aiko	10092
Aiwa	11914
Akai	10812, 10702, 10030, 10672, 11903
Albatron	10700, 10843
America Action	10180
Anam	10250, 10180, 10700
Anam National	10250, 10650
Anhua	10051
AOC	10451, 10093, 10180, 10060, 10030, 10178, 10092
Apex Digital	10748, 10765, 10879, 10767, 11943
Audiovox	10451, 10180, 10875, 10092, 10623
Baile	10661
Beijing	10812, 10661
Bell & Howell	10154
BenQ	11032
Bradford	10180
Broksonic	10236, 10463, 11911, 11938, 11905, 11935, 11929
Cailing	10748
Candle	10030
Carnivale	10030
Carver	10054
Celebrity	10000
Celera	10765
Changcheng	10051, 10661
Changhong	10156, 10765, 11156, 10767
Ching Tai	10092
Chun Yun	10000, 10180, 10700, 10092, 10843
Chung Hsin	10180, 10053
Cinema	10672
Citizen	10060, 10030, 11928, 10092
Clarion	10180
Commercial-Solutions	11447, 10047
Conrowa	10156, 10145, 11156
Contec	10180
Craig	10180, 10054
Crown	10180
Curtis Mathes	10047, 10054, 10154, 10451, 10093, 10060, 10702, 10030, 10145, 10166
CXC	10180
Daewoo	10154, 10451, 10180, 10030, 10178, 10672, 11928, 10092, 10661, 11909, 10623, 10700
Dayu	10661
Dell	11080
Denon	10145
Dumont	10017
Durabrand	10463, 10180, 10178, 10171, 11034
Electroband	10000
Emerson	10154, 10236, 10463, 10180,10178, 10171, 11944, 11909,11929, 11905, 11928, 10623,11911
Envision	10030
Ether	10030
Firstar	10236
Fisher	10154
Fortress	10093
Fujitsu	10809, 10853
Funai	10180, 10171, 11904
Furi	10145
Futuretech	10180
Gateway	11756, 11755
GE	11447, 10047, 11454, 10051, 10451, 10180, 10030, 10178, 11917, 10092, 11907, 11922
Gibralter	10017, 10030
GoldStar	10154, 10030, 10178, 11926
Grunpy	10180
Haier	11034
Hallmark	10178
Hankook	10180, 10030, 10178
Harley Davidson	11904
Harman/Kardon	10054
Harvard	10180
Havermy	10093
Helios	10865
Hello Kitty	10451
Hisense	10156, 10748, 10145, 11156
Hitachi	10156, 10030, 10178, 11145, 10145, 10092, 11904, 11156
Hongmei	10093
Huafa	10145
Huari	10145
Huodateji	10051
Imperial Crown	10661
Infinity	10054
Inteq	10017
JBL	10054
JCB	10000
Jean	10156, 10051, 10236, 10092
Jensen	10761
Jiahua	10051
Jinfeng	10051
Jinxing	10054, 10156, 10145
JVC	10053, 11923, 11253
Kangli	10661
KEC	10180
Kenwood	10030
KLH	10765, 10767
Kolin	10180, 10150, 10053
KTV	10180, 10030
Kunlun	10051, 10661
LG	10060, 10030, 10178, 10856, 10700, 10025

Lloyd’s	11904
LXI	10047, 10054, 10154, 10156, 10178
Magnasonic	11928, 11913
Magnavox	11454, 10054, 10030, 10706, 11931, 11254, 11913, 11904, 11944
Magnin	11907
Marantz	10054, 10030, 10704
Matsushita	10250, 10650
Maxent	11755
Megapower	10700
Megatron	10178, 10145
Memorex	10154, 10463, 10150, 10178, 11911, 11926, 11924, 11920,11927
MGA	10150, 10030, 10178, 11907
Midland	10047, 10017, 10051
Mitsubishi	10154, 10250, 10093, 10236, 10180, 11250, 10150, 10030, 10178, 11917, 10836
Monivision	10843, 10700
Motorola	10093
MTC	10060, 10030
Mudan	10051
Multitech	10180
NAD	10156, 10178, 10866
National	10051
NEC	10154, 10156, 10051, 10053, 10030, 10178, 11704
Newave	10093, 10178, 10092
Nikko	10030, 10178, 10092
Norcent	10748, 10824
NTC	10092
Onwa	10180
Optimus	10154, 10250, 10166, 10650, 11927, 11924, 11913
Optonica	10093
Orion	10236, 10463, 11929, 11911, 11905
Panasonic	10054, 10250, 10051, 10650, 11927, 11924
Panda	10051, 10706
Penney	10047, 10156, 10051, 10060, 10030, 10178, 11926, 11907
Philco	10054, 10180, 10030, 10178
Philips	11454, 10054, 10000, 10051, 10030, 10178, 10092, 10690
Pilot	10030
Pioneer	10166, 10866, 10679
Portland	10092
Prima	10761
Princeton	10700
Prism	10051
Proscan	11447, 10047, 11922
Proton	10030, 10178
Pulsar	10017
Qingdao	10051
Quasar	10250, 10051, 11924, 10650
RadioShack	10047, 10154, 10180, 10030, 10178, 11920, 11904

RCA	11447, 10047, 11454, 10000, 10030, 10178, 11547, 11922, 11917, 10092, 11907, 11948, 10090, 10679
Realistic	10154, 10180, 10030, 10178
Rowa	10748
Runco	10017, 10030
Sampo	10154, 10093, 10030, 10178, 10171, 10700, 10650, 11755, 10092
Samsung	10154, 10156, 10060, 10812, 10702, 10030, 10178, 11060, 10814, 10092, 11903, 10090, 10766
Sansui	10463, 11904, 11935, 11929, 11911
Sanyo	10154, 10156, 10180, 10145, 11907
Sanyuan	10093
Scotch	10178
Scott	10236, 10180, 10178
Sears	10047, 10054, 10154, 10156, 10178, 10171, 11926, 11904
Shaofeng	10145
Sharp	10093, 10030, 10650, 11917
Shen Ying	10092
Shencai	10145
Sheng Chia	10093, 10236
Skygiant	10180
Skyworth	10748
Sony	11100, 10000, 10650, 11925, 11904
Soundesign	10180, 10178
Sowa	10156, 10051, 10060, 10178, 10092
Squareview	10171
SSS	10180, 10180
Studio Experience	10843
Supreme	10000
SVA	10748, 10865
Sylvania	10054, 10030, 10171, 11944, 11931
Symphonic	10180, 10171, 11913, 11904
Synco	10000, 10451, 10093, 10060, 10178, 10092
Tacico	10178, 10092
Tandy	10093
Tashiko	10092, 10650
Tatung	10054, 10154, 10156, 10051, 10060, 11156, 11756, 11254
Technics	10250, 10051
Techwood	10051
Teco	10051, 10093, 10178, 10092
Teknika	10054, 10180, 10150, 10060, 10092
Telefunken	10702
Tera	10030
Thomas	11904
Tiane	10093
TMK	10178
TNCi	10017
Tobo	10748
Toshiba	10154, 10156, 10060, 10145, 11945, 11704, 11936, 11156, 11935, 10650, 11918
Tuntex	10030, 10092

TVS	10463
V Inc.	11756, 10885, 10864
Vector Research	10030
Victor	10250, 10053, 10650
Vidikron	10054
Vidtech	10178
Viewsonic	11755, 10885, 10864
Vivitek	11369
Wards	10054, 10030, 10178, 10866, 11156
Warumaia	10661
Waycon	10156
White Westinghouse	10463, 11909, 10623
Yamaha	10030
Yapshe	10250
Zenith	10017, 10463, 10178, 11904, 11929, 11911, 11909, 10092

Setup Code For VCRs (V)

ABS	21972
Admiral	20048, 20209
Aiko	20278
Aiwa	20037, 20479
Alienware	21972
America Action	20278
High	20035
Amoisonic	20479
Anam	20162, 20037, 20240, 20278
Anam National	20162
Asha	20240
Audiovox	20037, 20278
Beaumark	20240
Bell & Howell	20104
Broksonic	20184, 20121, 20209, 20002, 20479
Calix	20037
Canon	20035
Carver	20081
CCE	20072, 20278
Changhong	20048, 20081
Citizen	20037, 20278
Colt	20072
Craig	20037, 20047, 20240, 20072
Curtis Mathes	20060, 20035, 20162
Cybernex	20240
CyberPower	21972
Daewoo	20045, 20104, 20278
Dell	21972
Denon	20042
DirecTV	20739
Durabrand	20039, 20038
Electrohome	20037
Electrophonic	20037
Emerex	20032
Emerson	20035, 20037, 20184, 20240, 20045, 20121, 20043, 20209, 20002, 20278, 20479
Fisher	20047, 20104
Fuji	20035, 20033
Fujitsu	20045
Gateway	21972
GE	20060, 20035, 20240
General	20045
Go Video	20432
GoldStar	20037, 20209, 20038, 20225
Haojie	20240
Harman/Kardon	20081, 20038
Harwood	20072
Hewlett Packard	21972
HI-Q	20047
Hitachi	20037, 20042, 20055
Howard Computers	21972
HP	21972
Hughes Network Systems	20042, 20739
iBUYPOWER	21972
JVC 20045,	20067
KEC	20037, 20278
Kenwood	20067, 20038
KLH	20072
Kodak	20035, 20037
Kolin	20043
LG	20037, 20045, 20042, 20209,
Logik	20072
LXI	20037
Magnavox	20035, 20039, 20081
Magnin	20240
Marantz	20035, 20081
Marta	20037
Matsushita	20035, 20162
Media Center PC	21972
MEI	20035
Memorex	20035, 20162, 20037, 20048, 20039, 20047, 20240, 20104, 20209, 20479
MGA	20240, 20043
MGN Technology	20240
Microsoft	21972
Mind	21972
Minolta	20042
Mitsubishi	20067, 20043
Motorola	20035, 20048
MTC	20240
Multitech	20072
NEC	20035, 20037, 20048, 20104, 20067, 20038
Newave	20037
Nikko	20037
Noblex	20240
Northgate	21972
Olympus	20035
Optimus	21062, 20162, 20037, 20048, 20104, 20432
Orion	20184, 20209, 20002, 20479
Panasonic	21062, 20035, 20162, 20616, 20225
Penney	20035, 20037, 20240, 20042, 20038

Pentax	20042
Philco	20035, 20479
Philips	20035, 20081, 20739, 20618
Pilot	20037
Pioneer	20042, 20067
Polk Audio	20081
Profitronic	20240
Proscan	20060
Protec	20072
Pulsar	20039
Qisheng	20060
Quasar	20035, 20162
Radix	20037
Randex	20037
RCA	20060, 20035, 20240, 20042, 20880
Realistic	20035, 20037, 20048, 20047, 20104
ReplayTV	20616
Runco	20039
Sampo	20037, 20048
Samsung	20240, 20045, 20432
Sanky	20048, 20039
Sansui	20067, 20209, 20479
Sanyo	20047, 20240, 20104
Scott	20184, 20045, 20121, 20043
Sears	20035, 20037, 20047, 20042, 20104
Sharp	20048, 20209
Shintom	20072
Shogun	20240
Singer	20072
Sonic Blue	20616
Sony	20035, 20032, 20033, 20636, 21972
STS	20042
Sylvania	20035, 20081, 20043
Systemax	21972
Tagar Systems	21972
Tashiko	20037
Tatung	20045, 20067
Technics	20035, 20162
Teco	20035, 20037, 20048, 20038
Teknika	20035, 20037
Tivo	20636, 20618, 21503, 20739
TMK	20240
Toshiba	20045, 20042, 20067, 20043, 21503, 21008, 21972
Totevision	20037, 20240
Touch	21972
Unitech	20240
Vector	20045
Vector Research	20038
Victor	20067
Video Concepts	20045
Videomagic	20037
Videosonic	20240
Viewsonic	21972
Wards	20060, 20035, 20048, 20047, 20081, 20240, 20042, 20072
White Westinghouse	20209, 20072
XR-1000	20035, 20072
Yamaha	20038
Zenith	20039, 20033, 20209, 20479
ZT Group	21972

Setup Code For Digital Video Disks (Y)

Aiwa	20641, 21912, 20770
Allegro	20869
Apex Digital	20672, 20717, 20797, 21061, 20796, 21056, 21937, 20794, 21020, 21915
Blaupunkt	20717
Blue Parade	20571, 20695
Changhong	20627, 21061
CineVision	20869
Coby	21086
Curtis Mathes	21087
CyberHome	21024, 21023, 21129, 20816, 21117
Daewoo	20833, 21172, 20869
Denon	20490
DVD2000	20521
Emerson	20591, 20675
Enterprise	20591
Fisher	21919
Funai	20675
Gateway	21158, 21073
GE	20522, 20717
Go Video	20744, 20833, 21099, 20783, 21075, 20869, 21730
Greenhill	20717
Harman/Kardon	20582, 20702
Hitachi	20573, 20664, 21919
Hiteker	20672
Initial	20717
Integra	20627, 21924
JBL	20702
JVC	20558, 20623, 20867
Kenwood	20490, 20534
KLH	20717, 21020, 21149
Koss	20651, 21980
Lasonic	20798
LG	20591, 20869, 20801
Liquid Video	21980
Lite-On	21158, 21058
Loewe	20511
Magnavox	20503, 20539, 21976, 21914, 20675
Marantz	20539
Memorex	20695
Microsoft	20522
Mintek	20717
Mitsubishi	21521, 20521
Nesa	20717
Norcent	21003
Onkyo	20503, 20627, 21924, 20792
Oritron	20651, 21980

Panasonic	20490, 21762, 21990
Philips	20503, 20539, 20646, 21914
Pioneer	20525, 20571
Polaroid	21086, 21061
Polk Audio	20539
Portland	20770
Proscan	20522
Qwestar	20651
RCA	20522, 20571, 20717, 20822
Rio	20869
Rotel	20623
Sampo	20752, 20698, 20490, 20573, 21932, 21075, 20820
Sansui	20695
Sanyo	20695
Sharp	20630, 20752
Sharper Image	21117
Sherwood	20770
Shinco	20717
Shinsonic	20533
Sonic Blue	20869, 21099
Sony	20533, 20864, 21033, 21904, 21903
SVA	20717
Sylvania	20675
Symphonic	20675
Teac	20717, 21984, 20809
Technics	20490
Theta Digital	20571
Toshiba	20503, 20695
Urban Concepts	20503
Xbox	20522
Yamaha	20490, 20539, 20545
Zenith	20503, 20591, 20869

Setup Code For Cable Converters (C)

ABC	00003, 00008, 00014, 00899
Bell & Howell	00014
Bell South	00899
Clearmaster	00883
ClearMax	00883
Coolmax	00883
Daeryung	01877, 00877, 00477, 00008
Digi	00637
Director	00476
Dumont	00637
Gehua	00476
General Instrument	00476, 00810, 00276, 00003, 00014
GoldStar	00144
Hamlin	00009, 00273
Hitachi	00014
Jerrold	00476, 00810, 00276, 00003, 00012, 00014
KNC	00008
LG	00144
Memorex	00000
Motorola	00476, 00810, 00276, 01254, 01376
MultiVision	00012
Pace	01877, 00237
Panasonic	00000,
Panther	00637
Paragon	00000
Philips	00317, 01305
Pioneer	01877, 00877, 00144, 00533
Pulsar	00000
Quasar	00000
RadioShack	00883
Regal	00279, 00273
Runco	00000
Samsung	00000, 00144
Scientific Atlanta	01877, 00877, 00477, 00008
Sony	01006
Starcom	00003, 00014
Supercable	00276
Supermax	00883
Tocom	00012
Torx	00003
Toshiba	00000
Trans PX	00276
Tristar	00883
TS	00003
V2	00883
Viewmaster	00883
Vision	00883
Vortex View	00883
Zenith	00000, 00525, 00899

Setup Code For Satellite Receivers (S)

AlphaStar	00772
Chaparral	00216
Crossdigital	01109
DirecTV	00392, 00566, 00639, 01142, 00247, 00749, 01749, 00724, 00819, 01856, 01076, 01109, 00099, 01392, 01640, 01442, 01414, 01108
Dish Network System	01005, 00775, 01505
Dishpro	01005, 00775, 01505
Echostar	01005, 00775, 01505
Expressvu	00775
GE	00566
General Instrument	00869
GOI	00775
Goodmans	01246
Hisense	01535
Hitachi	00819, 00222, 01250
HTS	00775
Hughes Network Systems	01142, 00749, 01749, 01442

I-Lo	01535
JVC	00775
LG	01414, 01226
Magnavox	00724, 00722
Memorex	
Mitsubishi	00749
Motorola	00869
NEC	01270
Next Level	00869
Panasonic	00247, 00701
Paysat	00724
Philips	01142, 00749, 01749, 00724, 01076, 00722, 00099, 01442
Proscan	00392, 00566
Proton	01535
RadioShack	00869
RCA 00392,	00566, 00855, 00143, 01392
Samsung	01276, 01109, 01108
Sanyo	01219
SKY	00856
Sony	00639, 01640
Star Choice	00869
Tivo	01142, 01442
Toshiba	00749, 01749, 00790, 01285
UltimateTV	01640, 01392
Uniden	00724, 00722
US Digital	01535
USDTV	01535
Voom	00869
Zenith	00856, 01856

Setup Code For Audio Amplifiers (A)

Bose	30674
GE	30078
JVC	30331
Marantz	30321
Nakamichi	30321
NEC	30264
Optimus	30395
Realistic	30395
Sansui	30321
Shure	30264
Sony	30689
Soundesign	30078
Victor	30331
Wards	30078
Yamaha	30354, 30133

Setup Code For CD Players (D)

Aiwa	30157
Burmester	30420
California Audio Labs	30029
Carver	30157, 30179
Denon	30873
DKK	30000
DMX Electronics	30157
Dynamic Bass	30179
Fisher	30179
Garrard	30420
Genexxa	30032
Harman/Kardon	30157, 30173
Hitachi	30032
Integra	30101
JVC	30072
Kenwood	30826, 30626, 30028, 30037, 30036, 30190
Krell	30157
Linn	30157
Magnavox	30157
Marantz	30626, 30029, 30157
MCS	30029
Miro	30000
Mission	30157
MTC	30420
NSM	30157
Onkyo	30868, 30101
Optimus	31063, 30000, 30032, 30037, 30420, 30179, 31075, 30145
Panasonic	30029
Parasound	30420
Philips	30626, 30157
Pioneer	31063, 31062, 30032
Polk Audio	30157
Proton	30157
QED	30157
Quad	30157
Quasar	30029
RadioShack	31075
RCA	31062, 30032, 30420, 30179, 30053
Realistic	30420, 30179
Rotel	30157, 30420
SAE	30157
Sansui	30157
Sanyo	30179
SAST	30157
Sharp	30861, 30037
Silsonic	30888, 30036
Sonic Frontiers	30157
Sony	30490, 30000, 30100
Soundesign	30145
TAG McLaren	30157
Tascam	30420
Teac	30420
Technics	30029
Victor	30072
Wards	30157, 30053
Yamaha	30888, 30036
Zonda	30157

Setup Code For Audio Amp/Tuners (R)

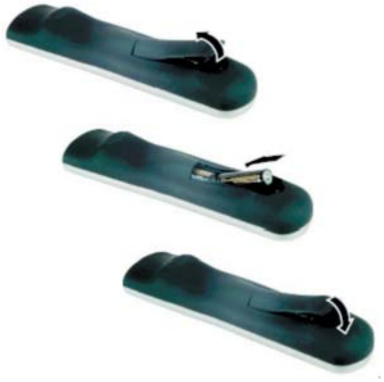
ADC	30531, 31405, 31243, 30121
Anam	31609, 31074
Audiotronic	31189
Bose	31229
Capetronic	30531
Carver	31189
Coby	31263
Denon	31360, 31142, 30904
Fonmix	31360
Glory Horse	31263
Harman/Kardon	30110
Hitachi	31273
Inkel	30027
Integra	30135
JBL	30110
JVC	30074, 31263
Kenwood	31313, 31570, 30027
KLH	31428
Magnavox	31189, 31269, 30531
Marantz	31189, 31269, 30039
MCS	30039
Onkyo	30842, 30135
Optimus	31023, 30670, 30531, 31074
Panasonic	31518, 30039
Philips	31189, 31269
Pioneer	31023, 30150, 30014, 30630, 30531
Proscan	31254
Qisheng	31609
Quasar	30039
RadioShack	31263
RCA	31023, 31609, 31254, 30531, 31074
Sharper Image	31263
Silsonic	30176
Sony	31058, 31441, 31258, 31759
Soundesign	30670
Stereophonics	31023
Sunfire	31313
Teac	31074, 31267
Technics	31308, 31518, 30039
Thorens	31189
Victor	30074
Wards	30014
Yamaha	30176, 31276, 31176

Troubleshooting

Use the following information to solve common problems.

The LED doesn’t blink when a button is pressed.

Replace the batteries.
Insert two AA batteries into the remote control. Make sure that you match the + and – on the batteries with the + and – symbols inside the battery compartment.



The LED blinks when a device mode is pressed, but the device does not respond.

Make sure that you are less that 15 feet (4.57 meters) from the infrared remote sensors on the device.

Make sure that nothing is blocking the infrared remote sensors on the remote control or the device.

Make sure that you have selected the correct device mode.

Make sure that the remote is programmed for that device. See “Programming the universal remote control” on page 35-42.

The remote control will not accept the device program code.

Make sure that you followed all the steps in the programming procedure. See “Programming the universal remote control” on page 35-42.

Make sure that you tried all the program codes listed for the device manufacturer. See “Device program codes ” on page 35-42.

Search for the device code. See “Searching for device codes” on page 35.

Video Input Format

Input Format	Aspect Ratio	Pixel Clock(MHz)	Horizontal Frequecy(kHz)	Vertical Frequecy(Hz)
480i 4:3	700x480	13.5MHz	15.734/1.001	30.0/1.001
480p 4:3 / SMPTE 293M	700x480	27.000	31.469/1.001	60/1.001
720p / SMPTE 296M	1280x720	74.25/1.001	45.0/1.001	60.0/1.001
1080i / SMPTE 274M	1290x1080i	74.25/1.001	33.750/1.001	30.0/1.001

Default PC Input Mode

The display automatically detects:

1) Horizontal sync signal frequency between 30.0 ~ 80.0 kHz
2) Vertical sync signal frequency between 50 ~ 75 Hz.
But 60 Hz vertical sync input signal is recommended, for it will take the display longer to display the screen when other input signals are used.

The display supports resolution up to 1280 * 720, the higher mapping ratio entered will be automatically changed to 1280*720.
The display supports the general industry factory default modes as follows:

Resolution	Pixel Clock(MHz)	Horizontal		Vertical	
		Frequency +/ – 0.5kHz	Sync Polarity	Frequency +/ – 0.1 Hz	Sync Polarity
640x480	25.175	31.469	N	59.940	N
640x480	30.240	35.000	N	66.667	N
640x480	31.500	37.861	N	72.809	N
640x480	35.500	37.500	N	75.000	N
720x400	28.322	31.469	N	70.087	P
800x600	36.000	35.156	P	56.250	P
800x600	40.000	37.879	P	60.317	P
800x600	50.000	48.077	P	72.188	P
800x600	49.500	46.875	P	75.000	P
832x624	57.285	49.727	N	74.553	N
848x480	31.50	29.830	N	59.659	P
1024x768	65.000	48.363	N	60.004	N
1024x768	75.000	56.476	N	70.069	N
1024x768	78.750	60.023	P	75.029	P
1280x720	74.5	44.772	N	59.855	P
1280x720	95.75	56.456	N	74.777	P

Miscellaneous

When the range of the input signal frequency is beyond what the display accepts, the “OUT OF RANGE” message will appear. Please adjust the input signal frequency to an acceptable value.

Plug & Play
The display confirms to VESA DDC2B standards

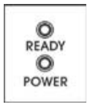
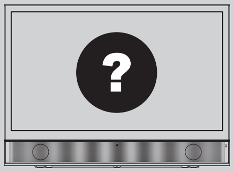
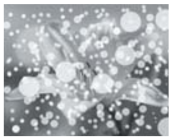
When connected to a DDC2B system, the display will automatically switch to various communications.

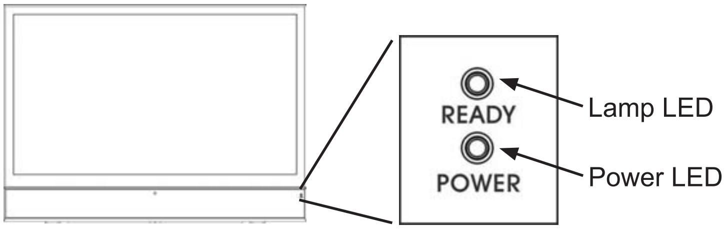
Screen size / Aspect	42 inches / 16:9	
Max. display Colors (VGA)	16.7 million Colors (24-bit)	
HDTV Compatibility (Component, HDMI)	480i, 480P, 720P, 1080i	
Video Compatibility (CVBS, S-Video)	NTSC-M	
Tuner Compatibility	NTSC-M / ATSC	
PC Compatibility (VGA)	VESA Standard Timing: 1280x720, 1024x768, 800x600, 640x480, 720x400; 1280x720 as preferred timing in EDID H sync: 30 ~ 80 KHz, V sync: 50 ~ 75 Hz	
Audio Features	Build in Audio Amplifier and Speakers, 10W x 2 channels Volume/Bass/Treble/Balance Controls Mute Multi-channel television sound MTS (USA) SRS WOW	
Input/Output Terminals	Side	Input1: 1 CVBS, 1 R/L Input2: 1 VGA, 1 R/L (mini-jack)
	Rear	Input1: 1 CVBS, 1 S -Video, 1 R/L Input2: 1 Component Video (Y/Pb/Pr, Y/Cb/Cr HDTV ready), 1 RL Input3: 1 Component Video (Y/Pb/Pr, Y/Cb/Cr HDTV ready), 1 RL Input4: 1 HDMI, 1 R/L RF1: 1 Tuner for NTSC / ATSC Output1: 1 Coaxial digital Audio SPDIF output (Only for ATSC & HDMI) Output2: 1 R/L audio output (firmware update via D-Sub and USB port)
Remote Control Unit	Infrared remote controller	
Plug & Play	VESA® DDC 2B (VGA)	
OSD Languages	English, French, Spanish,	
AC Power Input Range	100~132VAC	
Power Consumption	Normal operating < 280W Power off < 1 W at 110VAC	
Agency Approvals	UL, CUL, FCC, CCC, BSMI	
Dimensionst	W: 996 H: 721.5 D: 319.5 (mm)	
Packing	Weight: Net: 25.5 Kg Gross: 33.5 Kg Container loading: Air: 2 units / pallet Sea: 34 units /20’, 80 units/40’	

* Specification subject to change without prior notice.

12 Troubleshooting

Sometime the set up problems or other reasons will result in the false impression of display malfunctions. Please check before sent for repair:

If following situations		Please check the following items
Power LED does not light		* If the power plug was disconnected or loose? * If the fuse or electricity outlet are not working?
No image		* Make the antenna is in place or it is loose? * The power is on? * To check the image input signal source settings is correct or not? (see page 13-15, 24) * Check the TV analog/digital setup mode is correct or not? (see page 24~25) * If the TV station or cable TV system is not in service? * If the PC connected to the display is powered on? * Try pressing the keyboard or mouse of the connected computer? * Check if the video cable is connected correctly (If some PC needs to use external adapter?)? * Check if the connected computer 's video adapter is completely plugged into correct expansion slot? * Check if the frequency range of the input signal is beyond the display's acceptable rage (If over the range, "Out of Range" will appear) * The display supports plug and play, but if for some reason the PC couldn't find the display's driver, please change the PC's display settings manually and set the screen display to XGA 1024*768 or Super VGA 800*600.
The remote does not work		* If the batteries are dead? * If the batteries are placed upside down? * If too far from the reception area, if the angle is too big, if there is strong light blinking in reception area (please remove the strong light) or if there is obstacles in between?
Delays for video and audio outputs		* If the monitor is warming up (The POWER led on display's control panel will be orange and blinking)? * To protect the lamp, after turn off the power, you should wait to turn on the display again after 60 seconds.
Dim image		* If the color and color tone settings are inappropriate? * If the projector lamp is dead, please change the lamp.
Blurry image		* When using the system, there might be water condensing inside the display when the environment changes from cold to warm, or from dry to wet. Please power off the system and restart after the water vapors. * Please adjust the display's video phase or clock.
Overlapped image		* It might come from the electrical interference caused by buildings, airplanes, and hills, please adjust the antenna position * It might be the interference by bad signal cable, try another cable.
Strips on the screen		* It might come from the electrical interference caused by the composite electrical signal created by computer, other TVs, TV video game system, VCR, radio station. Please adjust the positions of those objects or the anetnna.
Snowflake on the screen or noise interference		*If the antenna has changed direction, loose or damaged?
Spots on the screen		* This may caused by the electronic interference from automobiles or motorcycles, hair dryer, high voltage power lines or neon light.
Clear image but no sound		* Please press the "Mute" key on the remote control. * Check if the audio cable is installed correctly * Check if the Internal Speakers is set to Off, refer to page 28.



There are two status LEDs on the front of your Micro Chip Display Projection RP TV.
You may obtain the display's related status through the LED in the front panel. Their meanings are explained as follows:

Normal Operation

States	Power LED	Lamp LED	Status Description
AC off	Not lit	Not lit	AC power not connected
Standby mode	Orange	Not lit	AC power is connected and your TV is in standby mode.
Warm-up	Green	Flashing	AC power is connected and the power button has just been turned on.
Cool down	Orange	Flashing	AC power is connected and the power button has just been turned off.
Operation mode	Green	Not lit	AC power is connected, the power button has been pressed, and the lamp light up.

Error Codes

States	Power LED	Lamp LED	Status Description
Error1: 2 Green, 1 Orange	LEDG: Flash LEDO: Flash	Hi (OFF)	Any FAN (1 or 2 or 3) failure or disconnected. After the fan detects error 5 sec, the LED shows "ERROR1" message.
Error2: 3 Green, 2 Orange	LEDG: Flash LEDO: Flash	Flash (0.5sec)	Lamp strike failure, Lamp failure, blaster error, Lamp shut off unexpectedly. (The system will shout down first, then do cooling 30seconds and boot again automatically)
Error3: 5 Green, 2 Orange	LEDG: Flash LEDO: Flash	Hi (OFF)	DLP hardware error.
Error4: 3 Green, 2 Orange	LEOG: Flash LEOO: Flash	Flash (1sec)	1. The system can turn on lamp 3 times. (If the system turn on lamp fail at first time or second times) 2. If system turns on lamp fail, the LED shows this message. 3. After system turns on lamp 3 times fail the LED message will show "Error2" message.

Service Information

If troubleshooting information does not resolve your problem or if you have other questions relating to you Micro Chip Display Projection, visit www.vivitekcorp.com You can also call our *Service Center.*

Announcement

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